

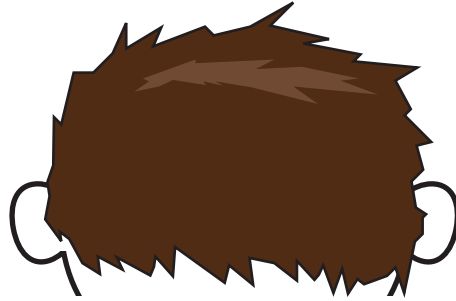
Do the Decimal

5th
Grade

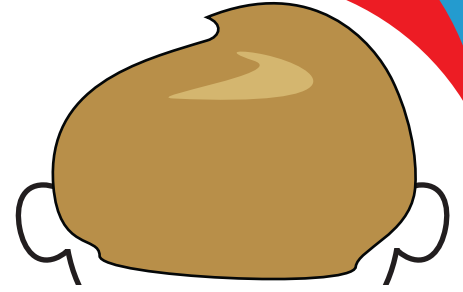
56.56327



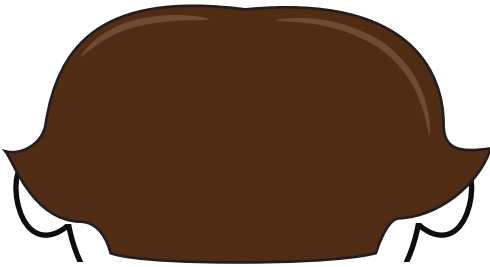
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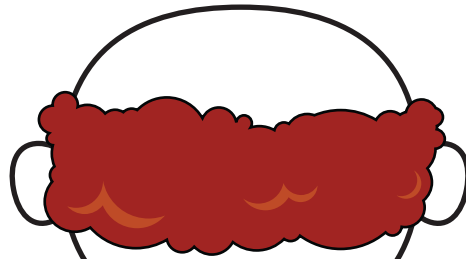
78.59452



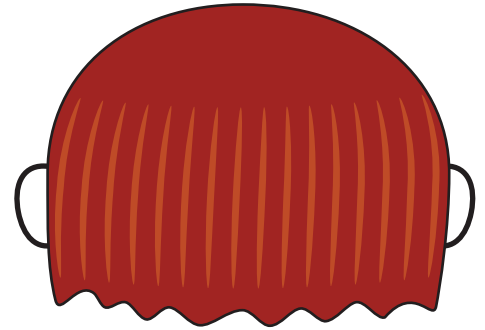
12.29537



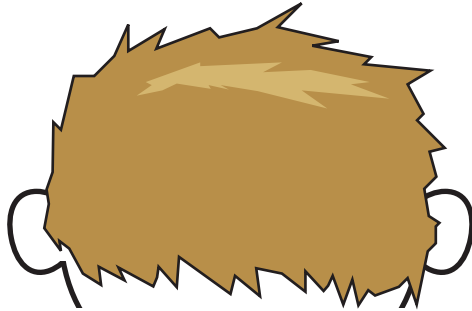
25.12546



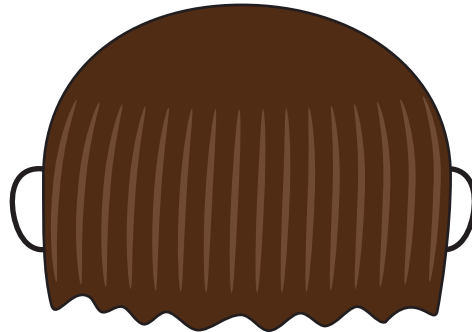
82.98406



~~11.25637~~ **11.26**



164.25987



20.28315

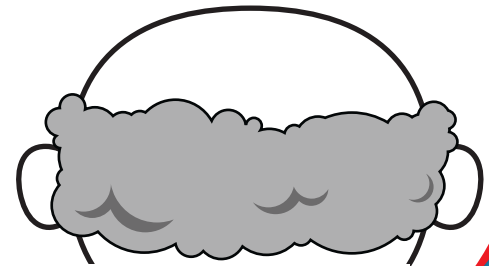


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Certificate of Completion

Answer Sheets

** Has an Answer Sheet*

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Delicious Decimals

round and compare



Use the greater than, less than, and equal to symbols ($>$, $<$, $=$) to compare each set of decimals.

1. $21.070 \boxed{=} 21.07$

2. $784.15 \boxed{} 13.064$

3. $4.863 \boxed{} 238.479$

4. $32.4 \boxed{} 32.41$

5. $0.002 \boxed{} .001$

6. $34.578 \boxed{} 46.2$



Round each decimal to the given place.

1. round 782.164 to the nearest tenth

782.2

2. round 3.004 to the nearest whole number

3. round 943.492 to the nearest tenth

4. round 1.209 to the nearest hundredth

5. round 40.489 to the nearest whole number

Delicious Decimals

round and compare



Use the greater than, less than, and equal to symbols ($>$, $<$, $=$) to compare each set of decimals.

1. 0.983 0.683

2. 452.1 63.187

3. 0.783 0.785

4. 781.3 0.987

5. 623.14 637.15

6. 21.064 21.009



Round each decimal to the given place.

1. round 14.903 to the nearest hundredth

14.90 or 14.9

2. round 829.9 to the nearest whole number

3. round 6.007 to the nearest hundredth

4. round 17.899 to the nearest tenth

5. round 72.63 to the nearest whole number

Delicious Decimals

convert to various forms



Write each **phrase** as a **decimal**.

1. one hundred nine and six hundred seventy-three thousandths = 109.673
2. five and three tenths = _____
3. nine hundred twenty-nine and one hundred sixty-eight thousandths = _____
4. three hundred fifty-three and nine hundred eighty-one thousandths = _____
5. sixty-seven and four hundred fifteen thousandths = _____



Write each **expanded form** as a **decimal**.

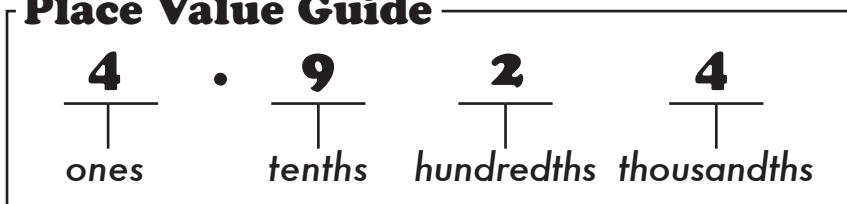
1. $5 \times 100 + 6 \times 10 + 9 + 2 \times (1/10) + 7 \times (1/100) + 2 \times (1/1000) =$ 569.272
2. $7 \times 100 + 9 \times 10 + 1 + 8 \times (1/10) + 8 \times (1/100) + 7 \times (1/1000) =$ _____
3. $9 \times 100 + 3 \times 10 + 5 + 2 \times (1/10) + 1 \times (1/100) + 1 \times (1/1000) =$ _____
4. $5 \times 10 + 2 + 9 \times (1/10) + 6 \times (1/100) + 3 \times (1/1000) =$ _____
5. $7 \times 100 + 6 \times 10 + 5 \times (1/10) + 9 \times (1/100) + 5 \times (1/1000) =$ _____



Rounding off to a decimal place is like giving a number a little trim. Round each decimal off to the place shown. Remember, if the number you are rounding off is 5 or more, round up. If it is 4 or less, round down.



Place Value Guide



Tenths

56.56321



56.6

450.91365



18.59452

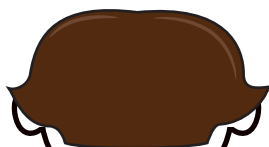


2.43125



Hundredths

12.29531

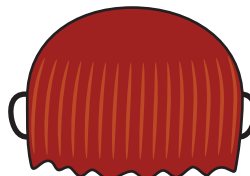


12.30

25.12546



82.98406



61.23995



Mixed

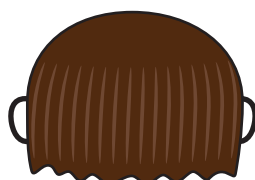
11.25631



11.3

Tenths

164.25981



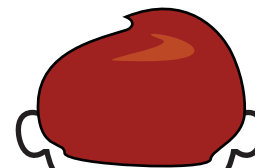
Hundredths

20.28315



Tenths

1.99529



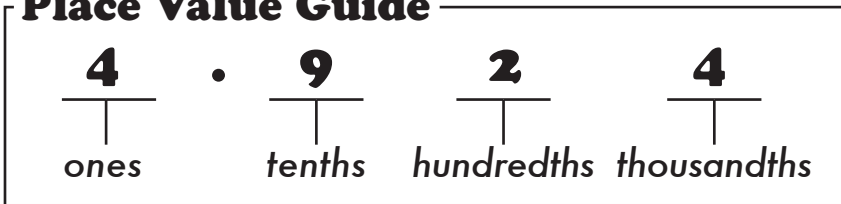
Hundredths



Rounding off to a decimal place is like giving a number a little trim. Round each decimal off to the place shown. Remember, if the number you are rounding off is 5 or more, round up. If it is 4 or less, round down.

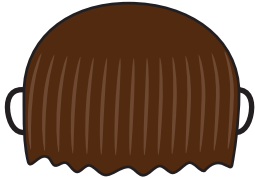


Place Value Guide



Hundredths

25.12352₁



25.12

2.15483₁



64.8950₂

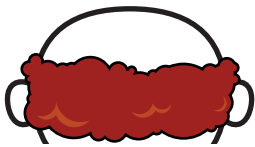


3.2100₂



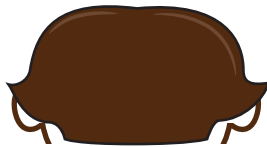
Thousandths

453.2019₁



453.202

12.25136



213.1561₂



18.2592₃



Mixed

31.24539



31.25

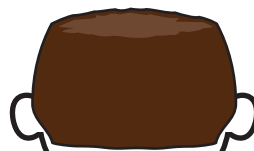
Hundredths

6.25132



Thousandths

6.21059



Hundredths

18.2890₂



Thousandths



Rounding off to a decimal place is like giving a number a little trim. Round each decimal off to the place shown.

Remember, if the number you are rounding off is 5 or more, round up. If it is 4 or less, round down.

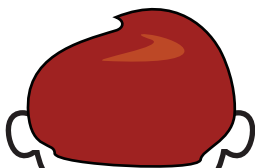


Place Value Guide

| | | | | |
|----------|---|----------|------------|-------------|
| 4 | . | 9 | 2 | 4 |
| ones | | tenths | hundredths | thousandths |

Tenths

19.25013



19.3

5.012546



125.236519

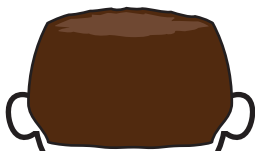


46.95241



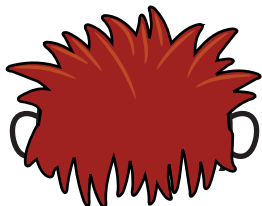
Thousandths

89.56124

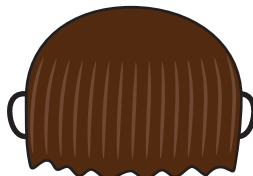


89.561

3.25136



14.82596

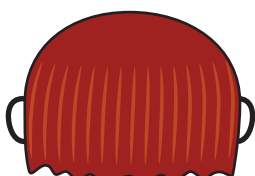


814.28962



Mixed

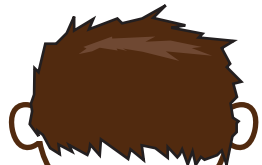
24.95213



25.0

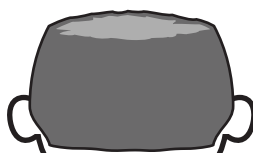
Tenths

18.21852



Thousandths

1.87321



Tenths

17.21256



Thousandths



Rounding off to a decimal place is like giving a number a little trim. Round each decimal off to the place shown.

Remember, if the number you are rounding off is 5 or more, round up. If it is 4 or less, round down.



Place Value Guide

| | | | | |
|----------|---|----------|------------|-------------|
| 4 | . | 9 | 2 | 4 |
| | | | | |
| ones | | tenths | hundredths | thousandths |

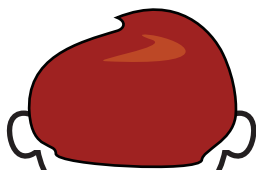
Hundredths

2.15531



2.16

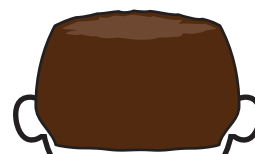
90.10539



0.87321



21.24621



Thousandths

51.02351

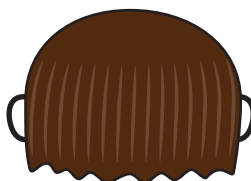


51.024

3.08542



8.36055

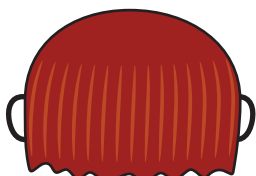


18.53204



Mixed

6.29321



6.29

Hundredths

50.78612



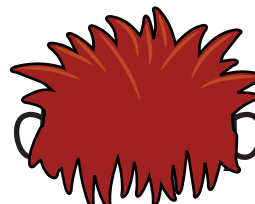
Thousandths

0.88953



Thousandths

4.69502



Hundredths





Rounding off to a decimal place is like giving a number a little trim. Round each decimal off to the place shown.

Remember, if the number you are rounding off is 5 or more, round up. If it is 4 or less, round down.



Place Value Guide

| | | | | |
|----------|---|----------|------------|-------------|
| 4 | . | 9 | 2 | 4 |
| ones | | tenths | hundredths | thousandths |

Tenths

9.95123



10.0

5.26421



55.09664

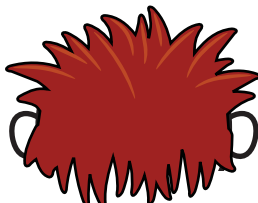


1.96521



Hundredths

0.26541

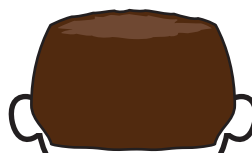


0.27

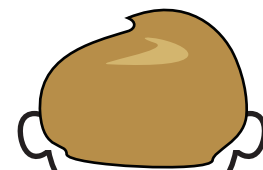
64.89213



9.55531



10.76806



Mixed

30.56380



30.6

Tenths

83.54406



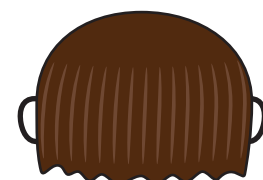
Hundredths

90.09531



Hundredths

643.85138



Tenths

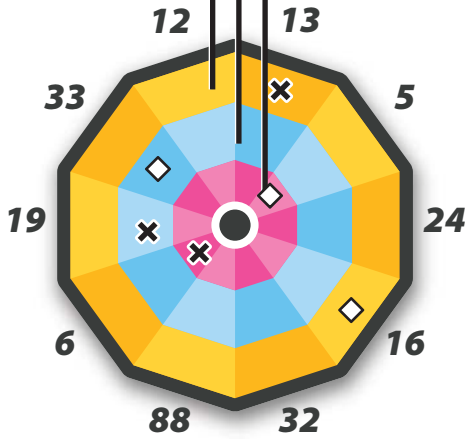


Darting Decimals 1

Scoring System

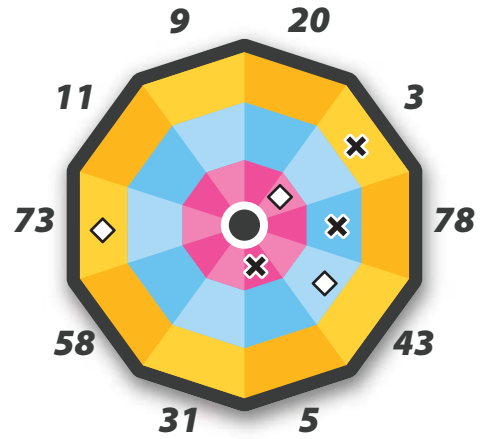
tenths
hundredths
thousandths

A heated match of darts is underway! You're in charge of keeping track of the scores. Use the scoring system illustrated on the left to determine how much each throw is worth. When you're done, add up the two teams' total scores. Be sure to show your work. Use scratch paper if necessary.

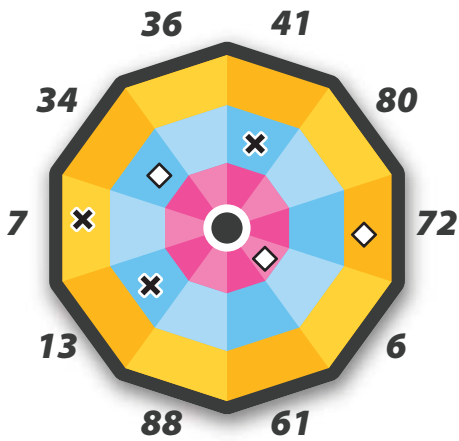


✕ Michael $\frac{.803}{.013}$ ◇ Esther _____

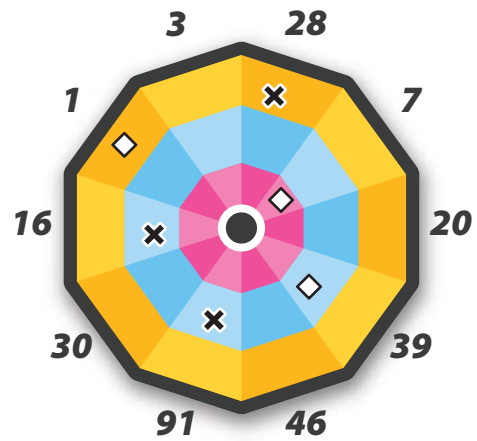
$$\begin{array}{r} .803 \\ .013 \\ .19 \\ + .6 \\ \hline .803 \end{array}$$



✕ Rebecca _____ ◇ Victoria _____



✕ Royce _____ ◇ Carlos _____



✕ Juliet _____ ◇ Ivan _____

How many points did each team score in total?

✕ _____ ◇ _____



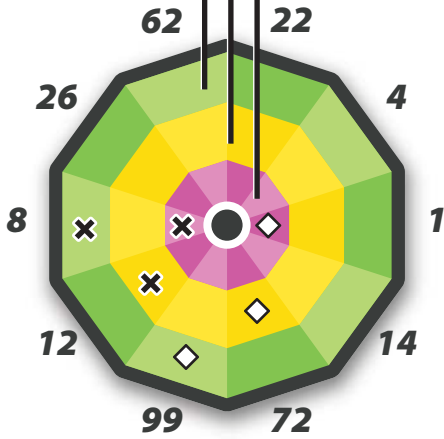


Darting Decimals 2

Scoring System

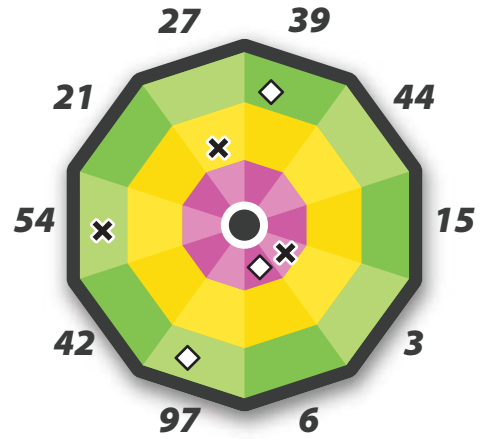
tenths
hundredths
thousandths

A heated match of darts is underway! You're in charge of keeping track of the scores. Use the scoring system illustrated on the left to determine how much each throw is worth. When you're done, add up the two teams' total scores. Be sure to show your work. Use scratch paper if necessary.

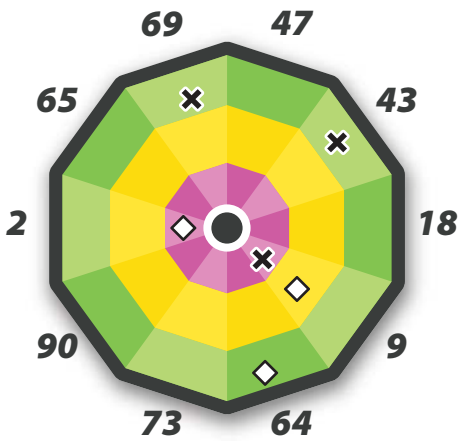


✕ Charlie $\frac{.928}{.008}$ ◇ Rubin _____

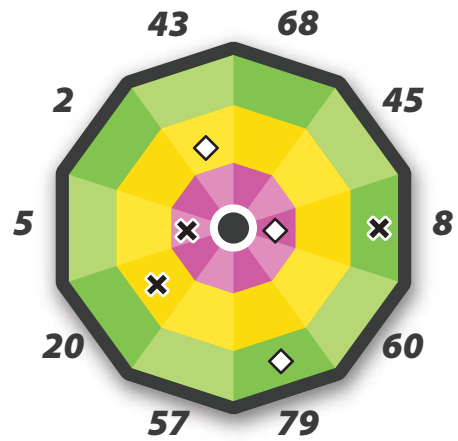
$$\begin{array}{r} .928 \\ .008 \\ .12 \\ + .8 \\ \hline .928 \end{array}$$



✕ Oscar _____ ◇ Lucia _____



✕ Roberto _____ ◇ Beth _____



✕ Jordan _____ ◇ Morgan _____

How many points did each team score in total?

✕ _____ ◇ _____





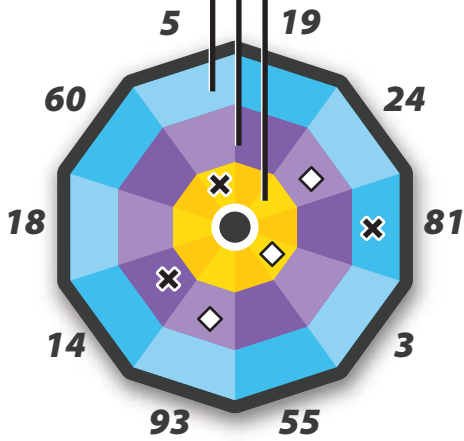
Darting Decimals

3

Scoring System

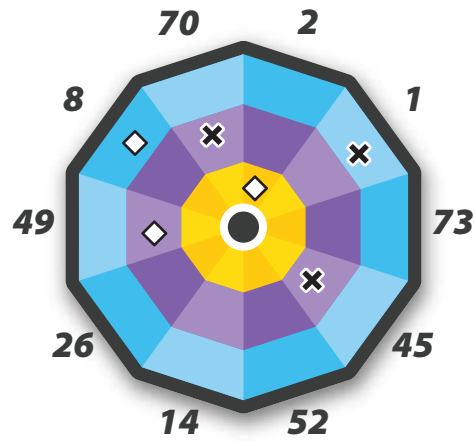
tenths
hundredths
thousandths

A heated match of darts is underway! You're in charge of keeping track of the scores. Use the scoring system illustrated on the left to determine how much each throw is worth. When you're done, add up the two teams' total scores. Be sure to show your work. Use scratch paper if necessary.

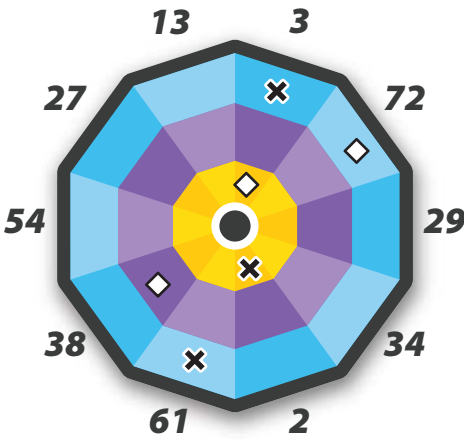


✕ Mimi $\frac{.721}{.081}$ ◇ Lucinda _____

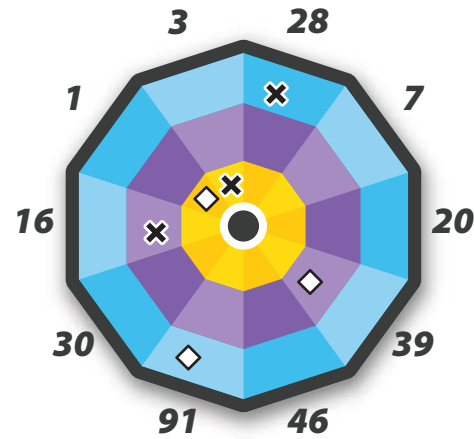
$$\begin{array}{r} .721 \\ .081 \\ .14 \\ + .5 \\ \hline .721 \end{array}$$



✕ Roscoe _____ ◇ Winston _____



✕ Albert _____ ◇ Olga _____



✕ Aimee _____ ◇ Saul _____

How many points did each team score in total?

✕ _____ ◇ _____



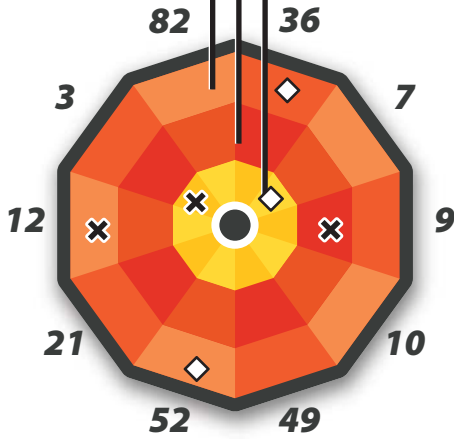


Darting Decimals 4

Scoring System

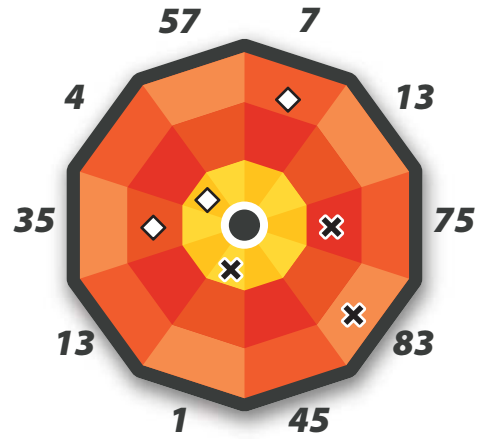
tenths
hundredths
thousandths

A heated match of darts is underway! You're in charge of keeping track of the scores. Use the scoring system illustrated on the left to determine how much each throw is worth. When you're done, add up the two teams' total scores. Be sure to show your work. Use scratch paper if necessary.

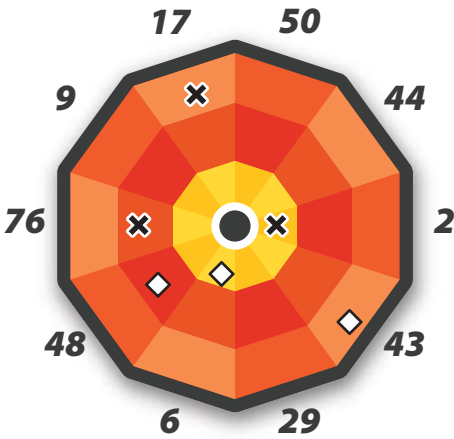


✕ Marco $\frac{.402}{.012}$ ◇ Chuck _____

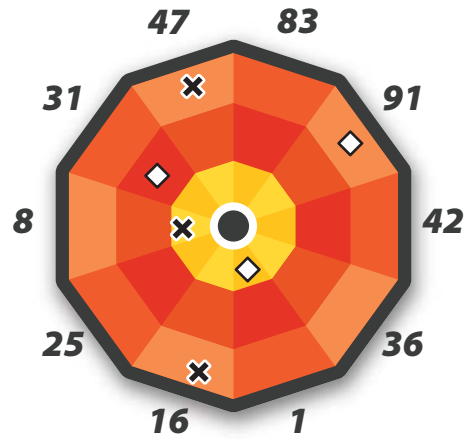
$$\begin{array}{r} .402 \\ .012 \\ .09 \\ + .3 \\ \hline .402 \end{array}$$



✕ Logan _____ ◇ Charlotte _____



✕ Carmen _____ ◇ Angel _____



✕ Pauline _____ ◇ Marlon _____

How many points did each team score in total?

✕ _____ ◇ _____

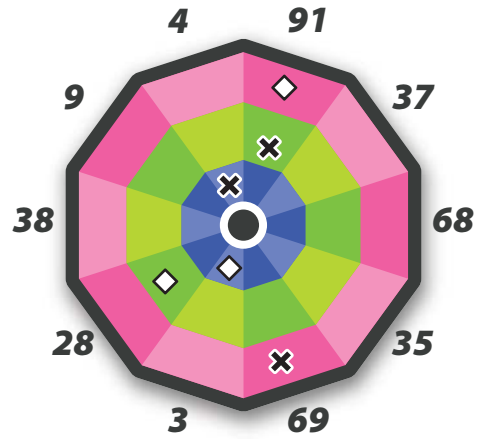
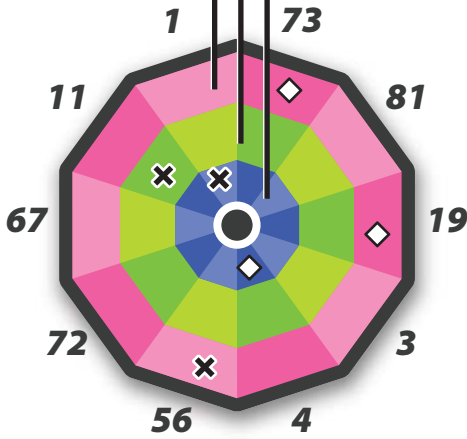




Scoring System

tenths
hundredths
thousandths

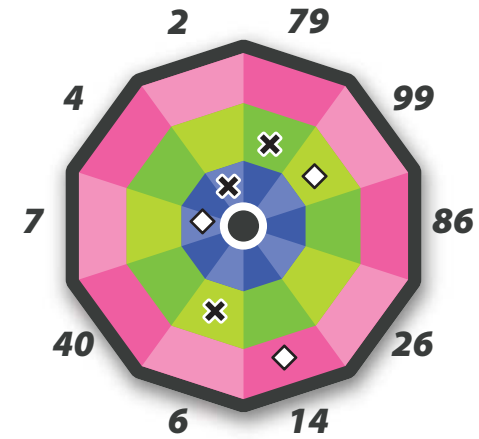
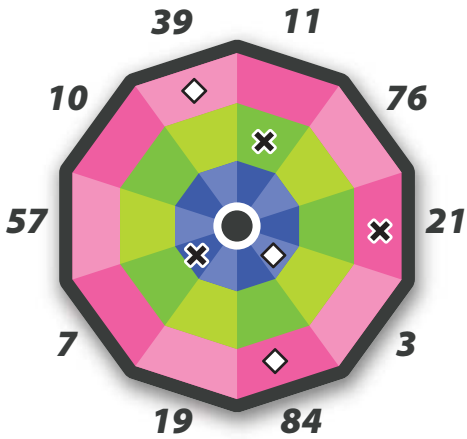
A heated match of darts is underway! You're in charge of keeping track of the scores. Use the scoring system illustrated on the left to determine how much each throw is worth. When you're done, add up the two teams' total scores. Be sure to show your work. Use scratch paper if necessary.



✕ George $\frac{.266}{.056}$ ◇ Rocky _____

$$\begin{array}{r} .266 \\ .056 \\ .11 \\ + .1 \\ \hline .266 \end{array}$$

✕ McKenzie _____ ◇ Chloe _____



✕ Misty _____ ◇ Horacio _____

✕ Jerry _____ ◇ Reginald _____

How many points did each team score in total?

✕ _____ ◇ _____





Skill Practice 1

Multiplying with Decimals

- Practice your decimal multiplication skills by solving the following problems. Remember, the number of place values in the answer is equal to the sum of the place values of the factors.

$$\begin{array}{r} 8.56 \\ \times 2.1 \\ \hline .856 \\ + 17.120 \\ \hline 17.976 \end{array}$$

$$\begin{array}{r} 12.3 \\ \times 15.2 \\ \hline \end{array}$$

$$\begin{array}{r} 6.089 \\ \times 2.15 \\ \hline \end{array}$$

$$\begin{array}{r} 12.36 \\ \times 10.3 \\ \hline \end{array}$$

$$\begin{array}{r} 5.07 \\ \times 9.2 \\ \hline \end{array}$$

$$\begin{array}{r} 80.2 \\ \times 4.9 \\ \hline \end{array}$$

$$\begin{array}{r} 14.95 \\ \times .41 \\ \hline \end{array}$$

$$\begin{array}{r} 1.063 \\ \times 5.24 \\ \hline \end{array}$$

$$\begin{array}{r} 20.4 \\ \times 4.53 \\ \hline \end{array}$$

$$\begin{array}{r} 9.31 \\ \times 5.8 \\ \hline \end{array}$$

$$\begin{array}{r} 61.9 \\ \times 7.2 \\ \hline \end{array}$$

$$\begin{array}{r} 2.406 \\ \times 12.3 \\ \hline \end{array}$$

$$\begin{array}{r} 4.2 \\ \times 9.5 \\ \hline \end{array}$$

$$\begin{array}{r} 10.54 \\ \times 3.7 \\ \hline \end{array}$$

$$\begin{array}{r} 45.6 \\ \times 21.3 \\ \hline \end{array}$$

$$\begin{array}{r} 7.32 \\ \times 15.2 \\ \hline \end{array}$$

$$\begin{array}{r} 7.521 \\ \times 6.108 \\ \hline \end{array}$$

$$\begin{array}{r} 48.3 \\ \times 1.02 \\ \hline \end{array}$$

$$\begin{array}{r} 39.04 \\ \times 4.78 \\ \hline \end{array}$$

$$\begin{array}{r} 7.504 \\ \times 1.3 \\ \hline \end{array}$$

GREAT DEALS



Jeff bought the couch and the chair but only paid \$87 for them. How much did he save? _____

Betty bought the wagon and the camera, but only paid \$10. What percent of a discount did she get? _____

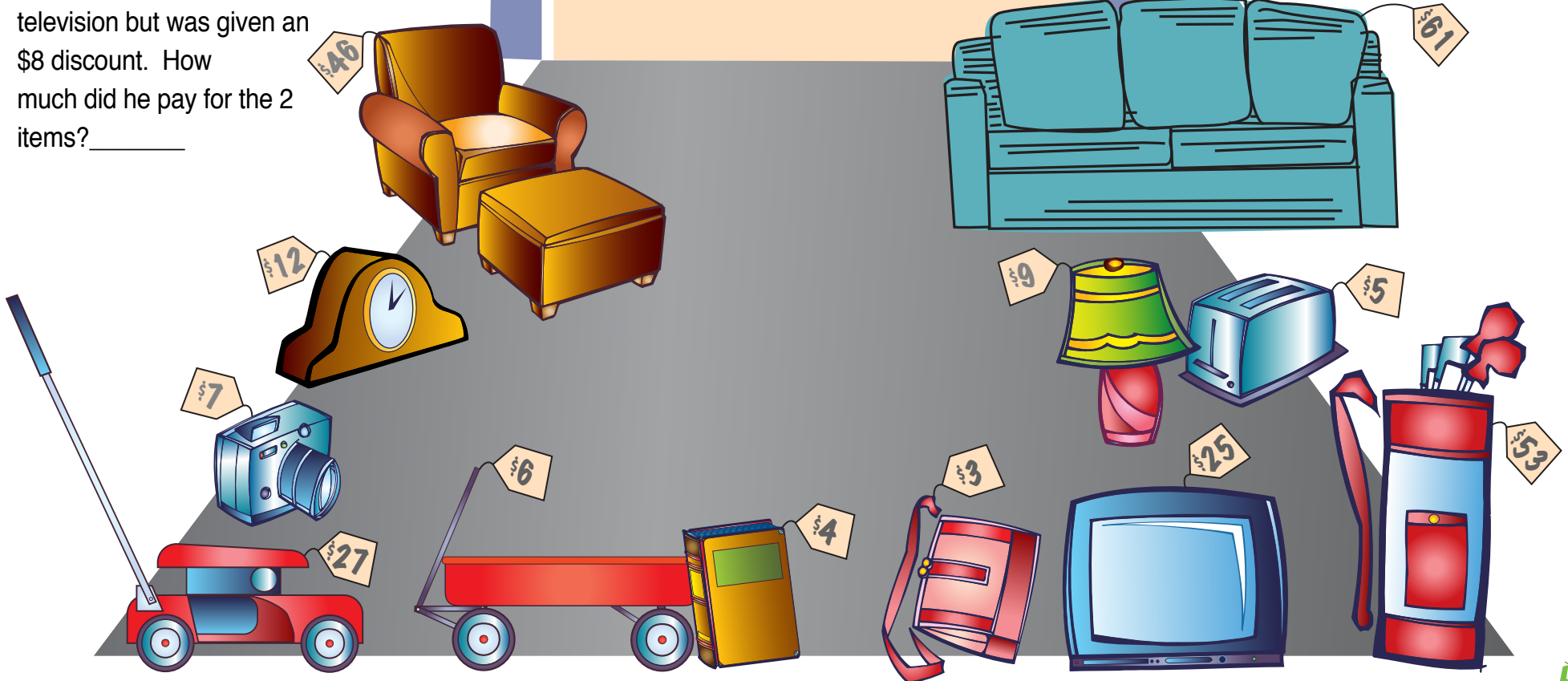
Jerry bought the golf clubs for \$43.50. How much did he save on the listed price? _____

How much did the sellers make on the entire garage sale? _____

Mark bought the toaster and the book but paid 85% of the price. How much did he pay for the 2 items? _____

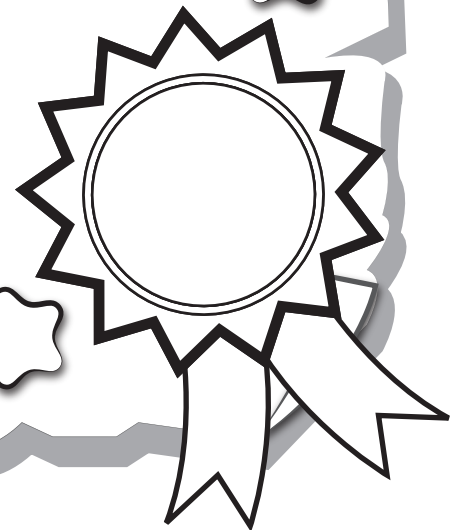
Mary bought the lamp, the purse and the clock. She paid 20% less than the listed price. How much did she pay for the 3 items? _____

Jim bought the lawn mower and the television but was given an \$8 discount. How much did he pay for the 2 items? _____



Great job!

is an Education.com math superstar



Answer Sheets

Do the Decimal

Delicious Decimals #1
Delicious Decimals #2
Delicious Decimals #3
Barber Shop Round Off #1
Barber Shop Round Off #2
Barber Shop Round Off #3
Barber Shop Round Off #4
Barber Shop Round Off #5
Darting Decimals #1
Darting Decimals #2
Darting Decimals #3
Darting Decimals #4
Darting Decimals #5
Skill Practice: Multiplying with Decimals
Garage Sale Math

Want more workbooks? Join Education.com Plus to save time and money.
<http://www.education.com/education-plus/>

Answer Sheet

Delicious Decimals

round and compare



Use the greater than, less than, and equal to symbols ($>$, $<$, $=$) to compare each set of decimals.

1. 21.070 $=$ 21.07

2. 784.15 $>$ 13.064

3. 4.863 $<$ 238.479

4. 32.4 $<$ 32.41

5. 0.002 $>$ $.001$

6. 34.578 $<$ 46.2



Round each decimal to the given place.

1. round 782.164 to the nearest tenth

782.2

2. round 3.004 to the nearest whole number

3

3. round 943.492 to the nearest tenth

943.5

4. round 1.209 to the nearest hundredth

1.21

5. round 40.489 to the nearest whole number

40

Answer Sheet

Delicious Decimals

round and compare



Use the greater than, less than, and equal to symbols ($>$, $<$, $=$) to compare each set of decimals.

1. $0.983 > 0.683$

2. $452.1 > 63.187$

3. $0.783 < 0.785$

4. $781.3 > 0.987$

5. $623.14 < 637.15$

6. $21.064 > 21.009$



Round each decimal to the given place.

1. round 14.903 to the nearest hundredth

14.90 or 14.9

2. round 829.9 to the nearest whole number

830

3. round 6.007 to the nearest hundredth

6.01

4. round 17.899 to the nearest tenth

17.9

5. round 72.63 to the nearest whole number

73

Answer Sheet

Delicious Decimals

convert to various forms



Write each **phrase** as a **decimal**.

1. one hundred nine and six hundred seventy-three thousandths = 109.673
2. five and three tenths = 5.3
3. nine hundred twenty-nine and one hundred sixty-eight thousandths = 929.168
4. three hundred fifty-three and nine hundred eighty-one thousandths = 353.981
5. sixty-seven and four hundred fifteen thousandths = 67.415



Write each **expanded form** as a **decimal**.

1. $5 \times 100 + 6 \times 10 + 9 + 2 \times (1/10) + 7 \times (1/100) + 2 \times (1/1000) =$ 569.272
2. $7 \times 100 + 9 \times 10 + 1 + 8 \times (1/10) + 8 \times (1/100) + 7 \times (1/1000) =$ 791.887
3. $9 \times 100 + 3 \times 10 + 5 + 2 \times (1/10) + 1 \times (1/100) + 1 \times (1/1000) =$ 935.211
4. $5 \times 10 + 2 + 9 \times (1/10) + 6 \times (1/100) + 3 \times (1/1000) =$ 52.963
5. $7 \times 100 + 6 \times 10 + 5 \times (1/10) + 9 \times (1/100) + 5 \times (1/1000) =$ 760.595

Answer Sheet

M A T H
DECIMALS



Rounding off to a decimal place is like giving a number a little trim. Round each decimal off to the place shown.

Remember, if the number you are rounding off is 5 or more, round up. If it is 4 or less, round down.



Place Value Guide

| | | | | |
|----------|---|----------|------------|-------------|
| 4 | . | 9 | 2 | 4 |
| ones | | tenths | hundredths | thousandths |

Tenths

56.56321

56.6

450.91365

450.9

18.59452

18.6

2.43125

2.4

Hundredths

12.29531

12.30

25.12546

25.13

82.98406

82.98

61.23995

61.24

Mixed

11.25631

11.3
Tenths

164.25981

164.26
Hundredths

20.28315

20.3
Tenths

1.99529

2.00
Hundredths

Answer Sheet

MATH DECIMALS



Rounding off to a decimal place is like giving a number a little trim. Round each decimal off to the place shown.

Remember, if the number you are rounding off is 5 or more, round up. If it is 4 or less, round down.

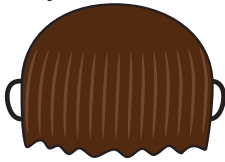


Place Value Guide

| | | | | |
|----------|---|----------|------------|-------------|
| 4 | . | 9 | 2 | 4 |
| ones | | tenths | hundredths | thousandths |

Hundredths

25.12352₁



25.12

2.15483₁



2.15

64.8950₂



64.90

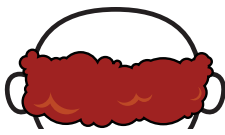
3.2100₂



3.21

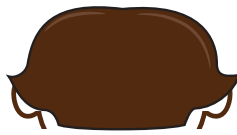
Thousandths

453.2019₁



453.202

12.25136



12.251

213.1561₂



213.156

18.2592₃



18.259

Mixed

31.24539



31.25

Hundredths

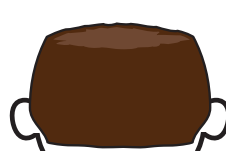
46.2513₂



46.251

Thousandths

6.21059



6.21

Hundredths

18.2890₂



18.289

Thousandths

Answer Sheet

MATH DECIMALS



Rounding off to a decimal place is like giving a number a little trim. Round each decimal off to the place shown.

Remember, if the number you are rounding off is 5 or more, round up. If it is 4 or less, round down.

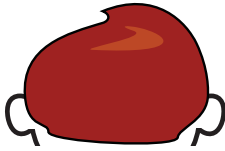


Place Value Guide

| | | | | |
|----------|---|----------|------------|-------------|
| 4 | . | 9 | 2 | 4 |
| ones | | tenths | hundredths | thousandths |

Tenths

19.25013



19.3

5.012546



5.0

125.236519



125.2

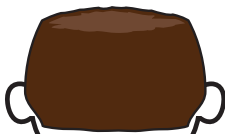
46.95241



47.0

Thousandths

89.56124



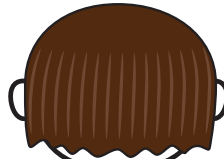
89.561

3.25136



3.251

14.82596



14.826

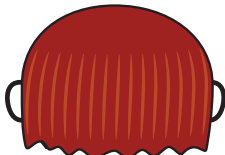
814.28962



814.290

Mixed

24.95213



25.0

Tenths

18.21852



78.219

Thousandths

1.87321



1.9

Tenths

17.21256



77.213

Thousandths

Answer Sheet

MATH DECIMALS



Rounding off to a decimal place is like giving a number a little trim. Round each decimal off to the place shown.

Remember, if the number you are rounding off is 5 or more, round up. If it is 4 or less, round down.



Place Value Guide

| | | | | |
|----------|---|----------|------------|-------------|
| 4 | . | 9 | 2 | 4 |
| ones | | tenths | hundredths | thousandths |

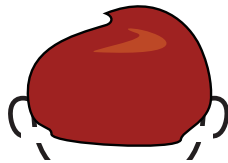
Hundredths

2.15531



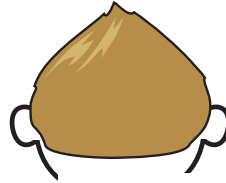
2.16

90.10539



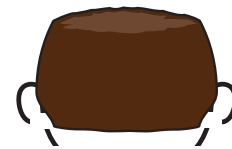
90.11

0.87321



0.87

21.24621



21.25

Thousandths

51.02351



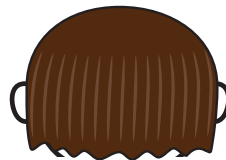
51.024

3.08542



3.085

8.36055



8.361

18.53204



18.532

Mixed

6.29321



6.29

Hundredths

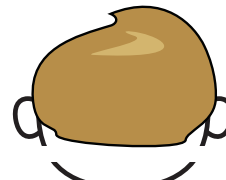
50.78612



50.786

Thousandths

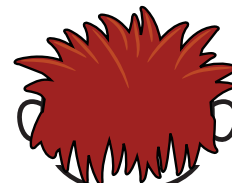
0.88953



0.890

Thousandths

4.69502



4.70

Hundredths

Answer Sheet

M A T H
DECIMALS



Rounding off to a decimal place is like giving a number a little trim. Round each decimal off to the place shown. Remember, if the number you are rounding off is 5 or more, round up. If it is 4 or less, round down.



Place Value Guide

| | | | | |
|----------|---|----------|------------|-------------|
| 4 | . | 9 | 2 | 4 |
| | | | | |
| ones | | tenths | hundredths | thousandths |

Tenths

9.95123



10.0

5.26421



5.3

55.09664



55.1

1.96521



8.0

Hundredths

0.26541



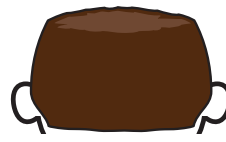
0.27

64.89213



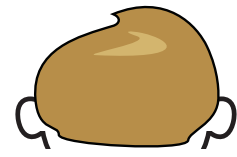
64.89

9.55531



9.56

10.76806



70.77

Mixed

30.56380



30.6

Tenths

83.54406



83.54

Hundredths

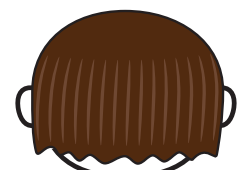
90.09531



90.10

Hundredths

643.85138



643.9

Tenths

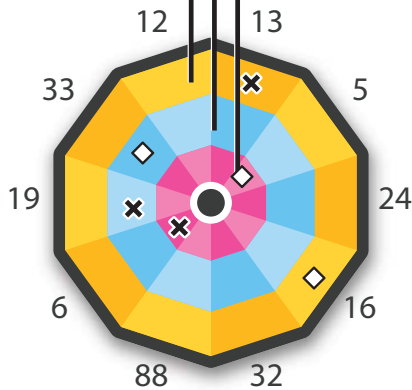
Answer Sheet

Darting Decimals 1

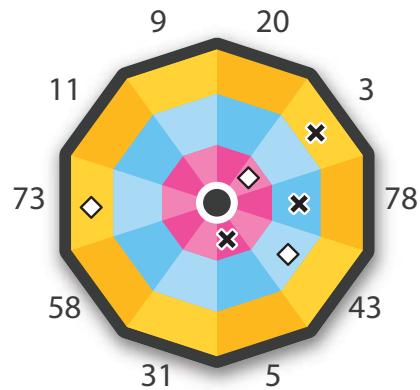
Scoring System

tenths
hundredths
thousandths

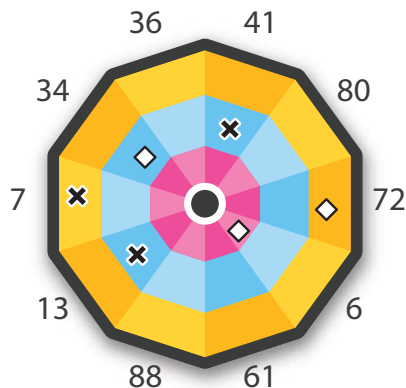
A heated match of darts is underway! You're in charge of keeping track of the scores. Use the scoring system illustrated on the left to determine how much each throw is worth. When you're done, add up the two teams' total scores. Be sure to show your work. Use scratch paper if necessary.



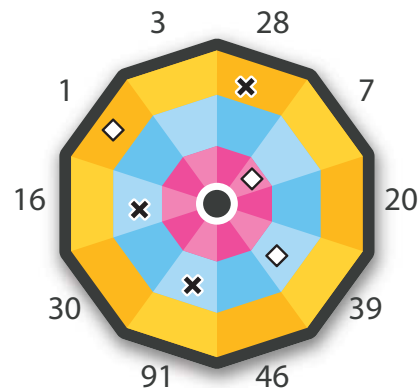
| | | | |
|-----------|-----------------------|----------|-----------------------|
| ✕ Michael | $\frac{0.803}{0.013}$ | ◇ Esther | $\frac{0.846}{0.016}$ |
| | 0.190 | | 0.330 |
| | + 0.600 | | + 0.500 |
| | <u>0.803</u> | | <u>0.846</u> |



| | | | |
|-----------|-----------------------|------------|-----------------------|
| ✕ Rebecca | $\frac{1.283}{0.003}$ | ◇ Victoria | $\frac{0.803}{0.073}$ |
| | 0.780 | | 0.430 |
| | + 0.500 | | + 0.300 |
| | <u>1.283</u> | | <u>0.803</u> |



| | | | |
|---------|-----------------------|----------|-----------------------|
| ✕ Royce | $\frac{0.547}{0.007}$ | ◇ Carlos | $\frac{1.012}{0.072}$ |
| | 0.410 | | 0.340 |
| | + 0.130 | | + 0.600 |
| | <u>0.547</u> | | <u>1.012</u> |



| | | | |
|----------|-----------------------|--------|-----------------------|
| ✕ Juliet | $\frac{1.098}{0.028}$ | ◇ Ivan | $\frac{1.091}{0.001}$ |
| | 0.160 | | 0.390 |
| | + 0.910 | | + 0.700 |
| | <u>1.098</u> | | <u>1.091</u> |

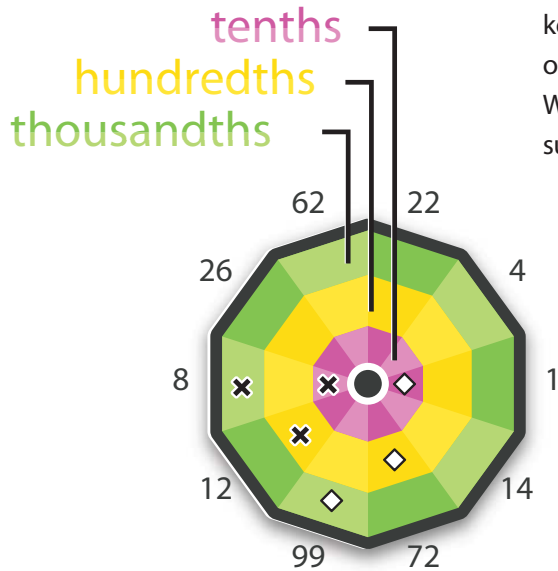
How many points did each team score in total?

| | | | |
|---|-----------------------|---|-----------------------|
| ✕ | $\frac{3.731}{0.803}$ | ◇ | $\frac{3.752}{0.846}$ |
| | 1.283 | | 0.803 |
| | 0.547 | | 1.012 |
| | + 1.098 | | + 1.091 |
| | <u>3.731</u> | | <u>3.752</u> |

Answer Sheet

Darting Decimals 2

Scoring System



A heated match of darts is underway! You're in charge of keeping track of the scores. Use the scoring system illustrated on the left to determine how much each throw is worth. When you're done, add up the two teams' total scores. Be sure to show your work. Use scratch paper if necessary.

| | | | |
|-----------|-------------------------|---------|-------------------------|
| ✕ Charlie | $\frac{0.928}{0.008}$ | ◇ Rubin | $\frac{0.919}{0.099}$ |
| | $\frac{0.120}{+ 0.800}$ | | $\frac{0.720}{+ 0.100}$ |
| | $\frac{0.928}{0.928}$ | | $\frac{0.919}{0.919}$ |

| | | | |
|---------|-------------------------|---------|-------------------------|
| ✕ Oscar | $\frac{0.624}{0.054}$ | ◇ Lucia | $\frac{0.736}{0.039}$ |
| | $\frac{0.270}{+ 0.300}$ | | $\frac{0.097}{+ 0.600}$ |
| | $\frac{0.624}{0.624}$ | | $\frac{0.736}{0.736}$ |

| | | | |
|-----------|-------------------------|--------|-------------------------|
| ✕ Roberto | $\frac{1.012}{0.069}$ | ◇ Beth | $\frac{0.354}{0.064}$ |
| | $\frac{0.043}{+ 0.900}$ | | $\frac{0.090}{+ 0.200}$ |
| | $\frac{1.012}{1.012}$ | | $\frac{0.354}{0.354}$ |

| | | | |
|----------|-------------------------|----------|-------------------------|
| ✕ Jordan | $\frac{0.708}{0.008}$ | ◇ Morgan | $\frac{1.309}{0.079}$ |
| | $\frac{0.200}{+ 0.500}$ | | $\frac{0.430}{+ 0.800}$ |
| | $\frac{0.708}{0.708}$ | | $\frac{1.309}{1.309}$ |

How many points did each team score in total?

| | | | |
|---|-------------------------|---|-------------------------|
| ✕ | $\frac{3.272}{0.928}$ | ◇ | $\frac{4.128}{0.919}$ |
| | $\frac{0.624}{+ 0.708}$ | | $\frac{0.736}{+ 1.309}$ |
| | $\frac{3.272}{3.272}$ | | $\frac{3.318}{3.318}$ |

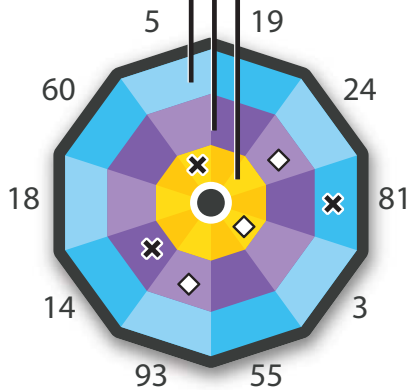
Answer Sheet



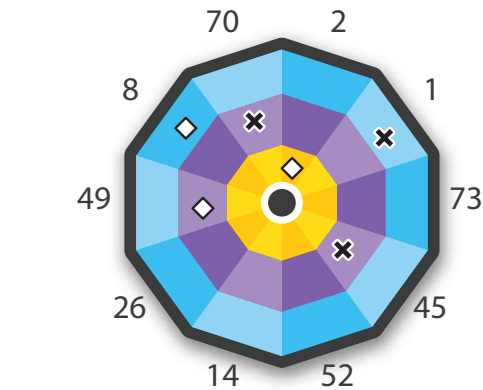
Darting Decimals

Scoring System

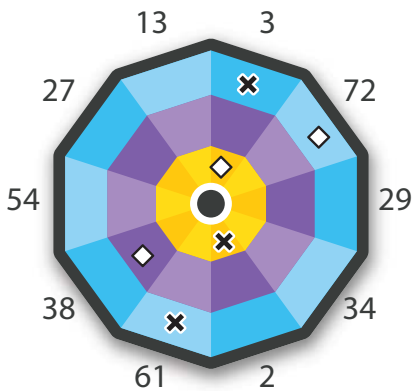
tenths
hundredths
thousandths



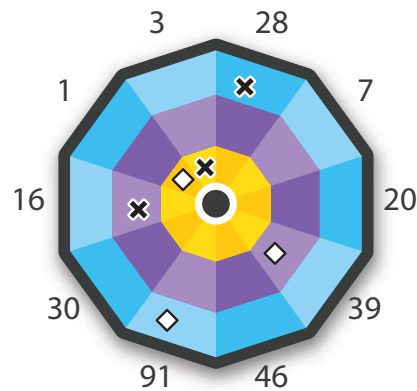
| | | | |
|--------|---|-----------|---|
| ✕ Mimi | $\begin{array}{r} 0.721 \\ 0.081 \\ 0.140 \\ + 0.500 \\ \hline 0.721 \end{array}$ | ◇ Lucinda | $\begin{array}{r} 1.470 \\ 0.240 \\ 0.930 \\ + 0.300 \\ \hline 1.470 \end{array}$ |
|--------|---|-----------|---|



| | | | |
|----------|---|-----------|---|
| ✕ Roscoe | $\begin{array}{r} 1.151 \\ 0.001 \\ 0.700 \\ + 0.450 \\ \hline 1.151 \end{array}$ | ◇ Winston | $\begin{array}{r} 0.698 \\ 0.008 \\ 0.200 \\ + 0.490 \\ \hline 0.698 \end{array}$ |
|----------|---|-----------|---|



| | | | |
|----------|---|--------|---|
| ✕ Albert | $\begin{array}{r} 0.264 \\ 0.003 \\ 0.061 \\ + 0.200 \\ \hline 0.264 \end{array}$ | ◇ Olga | $\begin{array}{r} 0.752 \\ 0.072 \\ 0.380 \\ + 0.300 \\ \hline 0.752 \end{array}$ |
|----------|---|--------|---|



| | | | |
|---------|---|--------|---|
| ✕ Aimee | $\begin{array}{r} 0.488 \\ 0.028 \\ 0.160 \\ + 0.300 \\ \hline 0.488 \end{array}$ | ◇ Saul | $\begin{array}{r} 0.581 \\ 0.091 \\ 0.390 \\ + 0.100 \\ \hline 0.581 \end{array}$ |
|---------|---|--------|---|

How many points did each team score in total?

| | | | |
|---|--|---|--|
| ✕ | $\begin{array}{r} 2.624 \\ 0.721 \\ 1.151 \\ 0.264 \\ + 0.488 \\ \hline 2.624 \end{array}$ | ◇ | $\begin{array}{r} 3.501 \\ 1.470 \\ 0.698 \\ 0.752 \\ + 0.581 \\ \hline 3.501 \end{array}$ |
|---|--|---|--|

Answer Sheet



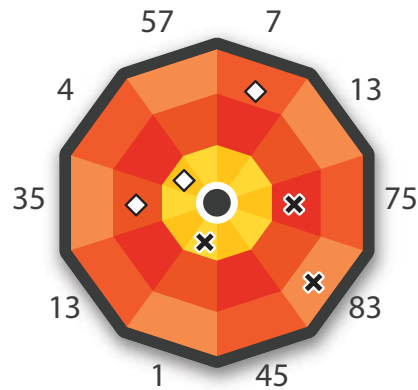
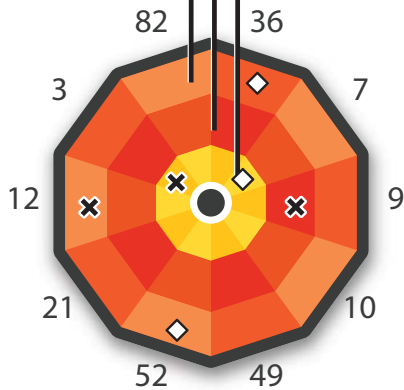
Darting Decimals



Scoring System

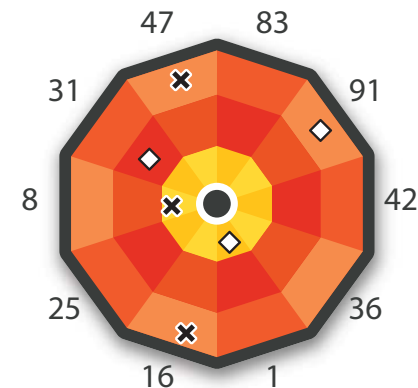
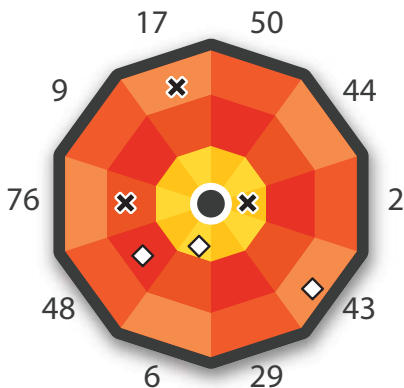
tenths
hundredths
thousandths

A heated match of darts is underway! You're in charge of keeping track of the scores. Use the scoring system illustrated on the left to determine how much each throw is worth. When you're done, add up the two teams' total scores. Be sure to show your work. Use scratch paper if necessary.



| | | | |
|---------|---|---------|---|
| ✕ Marco | $\begin{array}{r} 0.402 \\ 0.012 \\ 0.090 \\ + 0.300 \\ \hline 0.402 \end{array}$ | ◇ Chuck | $\begin{array}{r} 0.788 \\ 0.036 \\ 0.052 \\ + 0.700 \\ \hline 0.788 \end{array}$ |
|---------|---|---------|---|

| | | | |
|---------|---|-------------|---|
| ✕ Logan | $\begin{array}{r} 0.933 \\ 0.083 \\ 0.750 \\ + 0.100 \\ \hline 0.933 \end{array}$ | ◇ Charlotte | $\begin{array}{r} 0.757 \\ 0.007 \\ 0.350 \\ + 0.400 \\ \hline 0.757 \end{array}$ |
|---------|---|-------------|---|



| | | | |
|----------|---|---------|---|
| ✕ Carmen | $\begin{array}{r} 0.977 \\ 0.017 \\ 0.760 \\ + 0.200 \\ \hline 0.977 \end{array}$ | ◇ Angel | $\begin{array}{r} 1.123 \\ 0.043 \\ 0.480 \\ + 0.600 \\ \hline 1.123 \end{array}$ |
|----------|---|---------|---|

| | | | |
|-----------|---|----------|---|
| ✕ Pauline | $\begin{array}{r} 0.863 \\ 0.047 \\ 0.016 \\ + 0.800 \\ \hline 0.863 \end{array}$ | ◇ Marlon | $\begin{array}{r} 0.501 \\ 0.091 \\ 0.310 \\ + 0.100 \\ \hline 0.501 \end{array}$ |
|-----------|---|----------|---|

How many points did each team score in total?

| | | | |
|---|--|---|--|
| ✕ | $\begin{array}{r} 3.175 \\ 0.402 \\ 0.977 \\ 0.933 \\ + 0.863 \\ \hline 3.175 \end{array}$ | ◇ | $\begin{array}{r} 3.169 \\ 0.788 \\ 1.123 \\ 0.757 \\ + 0.501 \\ \hline 3.169 \end{array}$ |
|---|--|---|--|

Answer Sheet

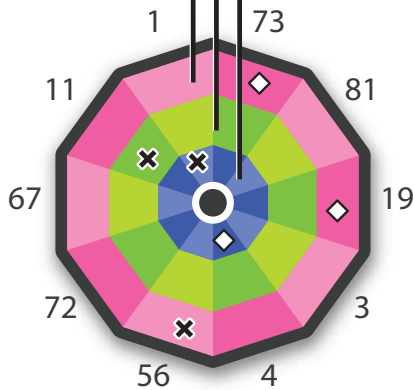
ANSWER SHEET

MATH
DECIMALS

Darting Decimals 5

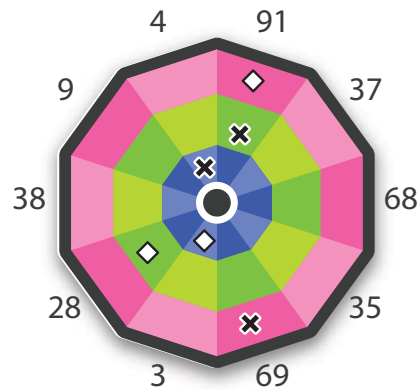
Scoring System

tenths
hundredths
thousandths

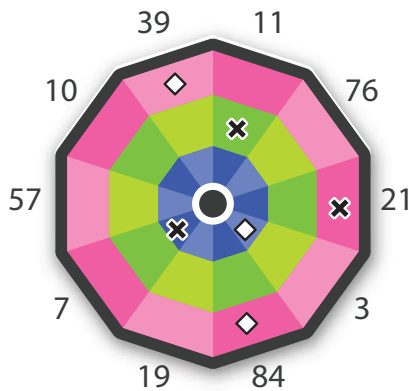


| | | | |
|----------|---|---------|---|
| ✕ George | $\begin{array}{r} 0.266 \\ 0.056 \\ 0.110 \\ + 0.100 \\ \hline 0.266 \end{array}$ | ◇ Rocky | $\begin{array}{r} 0.492 \\ 0.073 \\ 0.019 \\ + 0.400 \\ \hline 0.492 \end{array}$ |
|----------|---|---------|---|

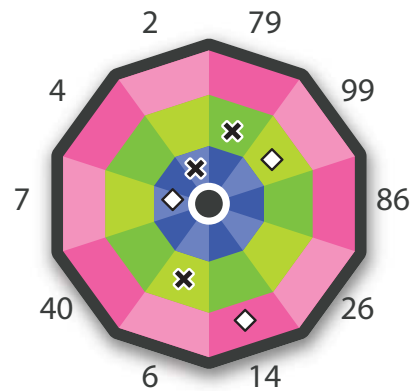
A heated match of darts is underway! You're in charge of keeping track of the scores. Use the scoring system illustrated on the left to determine how much each throw is worth. When you're done, add up the two teams' total scores. Be sure to show your work. Use scratch paper if necessary.



| | | | |
|------------|---|---------|---|
| ✕ McKenzie | $\begin{array}{r} 1.379 \\ 0.069 \\ 0.910 \\ + 0.400 \\ \hline 1.379 \end{array}$ | ◇ Chloe | $\begin{array}{r} 0.671 \\ 0.091 \\ 0.280 \\ + 0.300 \\ \hline 0.671 \end{array}$ |
|------------|---|---------|---|



| | | | |
|---------|---|-----------|---|
| ✕ Misty | $\begin{array}{r} 0.831 \\ 0.021 \\ 0.110 \\ + 0.700 \\ \hline 0.831 \end{array}$ | ◇ Horacio | $\begin{array}{r} 0.423 \\ 0.084 \\ 0.039 \\ + 0.300 \\ \hline 0.423 \end{array}$ |
|---------|---|-----------|---|



| | | | |
|---------|---|------------|---|
| ✕ Jerry | $\begin{array}{r} 1.050 \\ 0.790 \\ 0.060 \\ + 0.200 \\ \hline 1.050 \end{array}$ | ◇ Reginald | $\begin{array}{r} 1.704 \\ 0.014 \\ 0.990 \\ + 0.700 \\ \hline 1.704 \end{array}$ |
|---------|---|------------|---|

How many points did each team score in total?

| | | | |
|---|--|---|--|
| ✕ | $\begin{array}{r} 3.506 \\ 0.266 \\ 1.379 \\ 0.831 \\ + 1.050 \\ \hline 3.526 \end{array}$ | ◇ | $\begin{array}{r} 3.290 \\ 0.492 \\ 0.671 \\ 0.423 \\ + 1.704 \\ \hline 3.290 \end{array}$ |
|---|--|---|--|



Answer Sheet

ANSWER SHEET

MATH
DECIMALS



Skill Practice

Multiplying with Decimals

1

- Practice your decimal multiplication skills by solving the following problems. Remember, the number of place values in the answer is equal to the sum of the place values of the factors.

$$\begin{array}{r} 8.56 \\ \times 2.1 \\ \hline .856 \\ + 17.120 \\ \hline 17.976 \end{array}$$

$$\begin{array}{r} 12.3 \\ \times 15.2 \\ \hline 2.46 \\ + 61.50 \\ + 123.00 \\ \hline 186.96 \end{array}$$

$$\begin{array}{r} 6.089 \\ \times 2.15 \\ \hline 0.30445 \\ + 0.60890 \\ + 12.17800 \\ \hline 13.09135 \end{array}$$

$$\begin{array}{r} 12.36 \\ \times 10.3 \\ \hline 3.708 \\ + 0.000 \\ + 123.600 \\ \hline 127.308 \end{array}$$

$$\begin{array}{r} 5.07 \\ \times 9.2 \\ \hline 1.014 \\ + 45.630 \\ \hline 46.644 \end{array}$$

$$\begin{array}{r} 80.2 \\ \times 4.9 \\ \hline 72.18 \\ + 320.80 \\ \hline 392.98 \end{array}$$

$$\begin{array}{r} 14.95 \\ \times .41 \\ \hline .1495 \\ + 5.9800 \\ \hline 6.1295 \end{array}$$

$$\begin{array}{r} 1.063 \\ \times 5.24 \\ \hline 0.04252 \\ + .21260 \\ + 5.31500 \\ \hline 5.57012 \end{array}$$

$$\begin{array}{r} 20.4 \\ \times 4.53 \\ \hline 0.612 \\ + 10.200 \\ + 81.600 \\ \hline 92.412 \end{array}$$

$$\begin{array}{r} 9.31 \\ \times 5.8 \\ \hline 7.448 \\ + 46.550 \\ \hline 53.998 \end{array}$$

$$\begin{array}{r} 61.9 \\ \times 7.2 \\ \hline 12.38 \\ + 433.30 \\ \hline 445.68 \end{array}$$

$$\begin{array}{r} 2.406 \\ \times 12.3 \\ \hline 0.7218 \\ + 4.8120 \\ + 24.0600 \\ \hline 29.5938 \end{array}$$

$$\begin{array}{r} 4.2 \\ \times 9.5 \\ \hline 2.10 \\ + 37.80 \\ \hline 39.90 \end{array}$$

$$\begin{array}{r} 10.54 \\ \times 3.7 \\ \hline 7.378 \\ + 31.620 \\ \hline 38.998 \end{array}$$

$$\begin{array}{r} 45.6 \\ \times 21.3 \\ \hline 13.68 \\ + 45.60 \\ + 912.00 \\ \hline 971.28 \end{array}$$

$$\begin{array}{r} 7.32 \\ \times 15.2 \\ \hline 1.464 \\ + 36.600 \\ + 73.200 \\ \hline 111.264 \end{array}$$

$$\begin{array}{r} 7.521 \\ \times 6.108 \\ \hline 0.060168 \\ + 0.00000 \\ + 0.7521 \\ + 45.126 \\ \hline 45.938268 \end{array}$$

$$\begin{array}{r} 48.3 \\ \times 1.02 \\ \hline .966 \\ + 0.00 \\ + 48.3 \\ \hline 49.266 \end{array}$$

$$\begin{array}{r} 39.04 \\ \times 4.78 \\ \hline 3.1232 \\ + 27.328 \\ + 156.16 \\ \hline 186.6112 \end{array}$$

$$\begin{array}{r} 7.504 \\ \times 1.3 \\ \hline 2.2512 \\ + 7.504 \\ \hline 9.7552 \end{array}$$

Answer Sheet

GREAT DEALS

Mark bought the toaster and the book but paid 85% of the price. How much did he pay for the 2 items? \$7.65

Mary bought the lamp, the purse and the clock. She paid 20% less than the listed price. How much did she pay for the 3 items? \$19.20

Jim bought the lawn mower and the television but was given an \$8 discount. How much did he pay for the 2 items? \$44

Jeff bought the couch and the chair but only paid \$87 for them. How much did he save? \$20

Betty bought the wagon and the camera, but only paid \$10. What percent of a discount did she get? 23%

Jerry bought the golf clubs for \$43.50. How much did he save on the listed price? \$9.50

How much did the sellers make on the entire garage sale? \$211.35

GARAGE SALE TODAY

