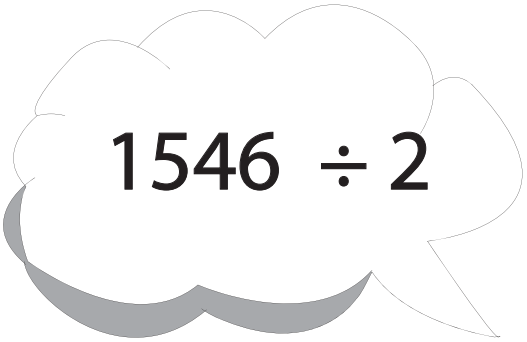
4th Grade

Multiplication and Division

$$2 \overline{)\,8046}$$



$$\begin{array}{r} 705 \\ \times \quad 4 \\ \hline 2,820 \end{array}$$

Workbook I

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Multiplication

1) 59×17

2) 93×39

3) 82×13

4) 74×43

5) 95×38

6) 73×50

7) 46×83

8) 17×16

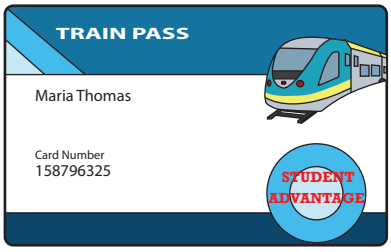
9) 50×49

10) 73×69

11) 35×29

12) 82×19

13) Maria spends $76 for her monthly train pass. How much does she spend for her train pass in a year?



_____

14) 33 beads are used to make a bracelet. How many beads are needed to make 57 bracelets?

_____

Multiplying Three Numbers

1) $5 \times 7 \times 10$	2) $25 \times 3 \times 10$	3) $15 \times 4 \times 8$
4) $30 \times 4 \times 20$	5) $2 \times 9 \times 3$	6) $50 \times 12 \times 10$
7) $11 \times 5 \times 4$	8) $20 \times 15 \times 9$	9) $10 \times 8 \times 7$
10) $13 \times 1 \times 30$	11) $5 \times 14 \times 2$	12) $15 \times 6 \times 50$
13) $7 \times 2 \times 9$	14) $80 \times 30 \times 50$	15) $6 \times 10 \times 4$

Multiplying Four Numbers

1) $20 \times 5 \times 7 \times 30$	2) $2 \times 60 \times 6 \times 10$	3) $15 \times 5 \times 2 \times 50$
4) $3 \times 70 \times 10 \times 4$	5) $15 \times 30 \times 1 \times 20$	6) $8 \times 5 \times 2 \times 6$
7) $80 \times 20 \times 50 \times 10$	8) $5 \times 30 \times 30 \times 7$	9) $60 \times 4 \times 10 \times 2$
10) $9 \times 40 \times 1 \times 5$	11) $90 \times 3 \times 10 \times 4$	12) $45 \times 2 \times 50 \times 20$
13) $70 \times 15 \times 10 \times 2$	14) $4 \times 5 \times 9 \times 2$	15) $8 \times 15 \times 30 \times 10$

Complete the Multiplication Sentence

Complete the multiplication sentence for each problem.

1) ☐ × 12 = 36

2) 4 × ☐ = 44

3) 2 × ☐ = 18

4) 12 × ☐ = 84

5) 9 × ☐ = 9

6) ☐ × 7 = 7

7) ☐ × 11 = 55

8) 5 × ☐ = 50

9) ☐ × 3 = 6

10) ☐ × 8 = 40

11) ☐ × 10 = 120

12) 11 × ☐ = 99

13) 7 × ☐ = 35

14) 5 × ☐ = 60

Balance the Equation

Fill in the box with the missing numbers to balance the multiplication equations.

1) $12 \times 2 = \square \times 4$

2) $\square \times 11 = 11 \times 5$

3) $6 \times \square = 3 \times 10$

4) $8 \times 5 = \square \times 4$

5) $5 \times 4 = 10 \times \square$

6) $\square \times 2 = 8 \times 3$

7) $8 \times 1 = \square \times 2$

8) $12 \times 4 = 6 \times \square$

9) $\square \times 3 = 9 \times 4$

10) $\square \times 7 = 7 \times 8$

11) $1 \times \square = 3 \times 4$

12) $2 \times 9 = \square \times 3$

13) $\square \times 3 = 9 \times 1$

14) $4 \times \square = 8 \times 2$

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Division with Remainder

1) $7\overline{)3\ 5\ 6\ 8}$	2) $4\overline{)5\ 2\ 1\ 5}$	3) $2\overline{)6\ 3\ 4\ 9}$	4) $5\overline{)8\ 1\ 6\ 4}$
5) $8\overline{)2\ 1\ 3\ 0}$	6) $3\overline{)4\ 9\ 1\ 2}$	7) $6\overline{)1\ 0\ 4\ 3}$	8) $8\overline{)6\ 8\ 5\ 4}$
9) $5\overline{)8\ 7\ 4\ 3}$	10) $9\overline{)3\ 9\ 2\ 6}$	11) $4\overline{)2\ 5\ 6\ 3}$	12) $7\overline{)4\ 2\ 5\ 5}$
13) $3\overline{)3\ 5\ 4\ 4}$	14) $6\overline{)1\ 2\ 7\ 1}$	15) $9\overline{)7\ 8\ 2\ 5}$	16) $4\overline{)5\ 7\ 1\ 5}$

Division

1) $7\overline{)1776}$	2) $4\overline{)5739}$	3) $2\overline{)3510}$	4) $5\overline{)7384}$
5) $8\overline{)9344}$	6) $3\overline{)6974}$	7) $6\overline{)4650}$	8) $8\overline{)8643}$
9) $5\overline{)9135}$	10) $9\overline{)7259}$	11) $4\overline{)2460}$	12) $7\overline{)9932}$
13) $3\overline{)7684}$	14) $6\overline{)4595}$	15) $9\overline{)6354}$	16) $4\overline{)8412}$

Divisibility Rule - 2

Underline the correct choice:

1) 3356

a) Last digit is an **even** / **odd** number.

b) 3356 is **divisible** / **not divisible** by 2.

2) 7851

a) Last digit is an **even** / **odd** number.

b) 7851 is **divisible** / **not divisible** by 2.

3) 20317

a) Last digit is an **even** / **odd** number.

b) 20317 is **divisible** / **not divisible** by 2.

4) 4224

a) Last digit is an **even** / **odd** number.

b) 4224 is **divisible** / **not divisible** by 2.

5) 5466

a) Last digit is an **even** / **odd** number.

b) 5466 is **divisible** / **not divisible** by 2.

6) 11323

a) Last digit is an **even** / **odd** number.

b) 11323 is **divisible** / **not divisible** by 2.

7) 75209

a) Last digit is an **even** / **odd** number.

b) 75209 is **divisible** / **not divisible** by 2.

8) 62678

a) Last digit is an **even** / **odd** number.

b) 62678 is **divisible** / **not divisible** by 2.

9) 3250

a) Last digit is an **even** / **odd** number.

b) 3250 is **divisible** / **not divisible** by 2.

10) 87622

a) Last digit is an **even** / **odd** number.

b) 87622 is **divisible** / **not divisible** by 2.

11) 2797

a) Last digit is an **even** / **odd** number.

b) 2799 is **divisible** / **not divisible** by 2.

12) 5563

a) Last digit is an **even** / **odd** number.

b) 724 is **divisible** / **not divisible** by 2.

13) 41126

a) Last digit is an **even** / **odd** number.

b) 986 is **divisible** / **not divisible** by 2.

14) 73214

a) Last digit is an **even** / **odd** number.

b) 81 is **divisible** / **not divisible** by 2.

Divisibility Rule

I) Apply divisibility rule and circle the numbers that are divisible by 4:

1) 236	2) 4782	3) 1068	4) 1220	5) 627
6) 5885	7) 304	8) 2634	9) 886	10) 3204
11) 484	12) 356	13) 739	14) 6072	15) 921
16) 538	17) 8436	18) 2404	19) 457	20) 132

II) Apply divisibility rule and circle the numbers that are divisible by 8:

1) 17824	2) 456272	3) 67433	4) 324668	5) 75224
6) 86572	7) 68255	8) 224624	9) 51984	10) 398226
11) 166840	12) 567229	13) 84268	14) 40048	15) 92457
16) 144526	17) 24160	18) 56342	19) 641608	20) 72168

Divisibility Rule Table

Mark "✓" in the box, if the number in the row is divisible by the corresponding number in the column.

		2	3	4	5	6	8	9	10
1)	**3522**								
2)	**18064**								
3)	**2145**								
4)	**36220**								
5)	**6327**								
6)	**46218**								
7)	**53205**								
8)	**21141**								
9)	**4048**								
10)	**12054**								
11)	**3070**								
12)	**72081**								
13)	**6496**								
14)	**54180**								
15)	**36720**								