

Week 3 Lesson 1 - Fractions

1) Write down the largest of these fractions.

$$\frac{3}{5} \quad \frac{11}{20} \quad \frac{1}{2}$$

Show your working and write your answer in the box below.

(2)

2) Write these fractions in order of size.

Start with the smallest number.

$$\frac{7}{10} \quad \frac{3}{4} \quad \frac{1}{2} \quad \frac{3}{5}$$

Show your working and write your answer in the box below.

(2)

.....

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3) Arrange these fractions in order, smallest first.

$$\frac{2}{3} \quad \frac{7}{9} \quad \frac{5}{6} \quad \frac{11}{18}$$

Show your working and write your answer in the box below.

(2)

4) A football team wins  $\frac{3}{8}$  of their matches in a season.

The same team loses  $\frac{1}{3}$  of their matches.

Show that the team win more matches than they lose in the box below.

(2)

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5) Work out, as a simplified fraction.

$$\frac{3}{4} - \frac{2}{5}$$

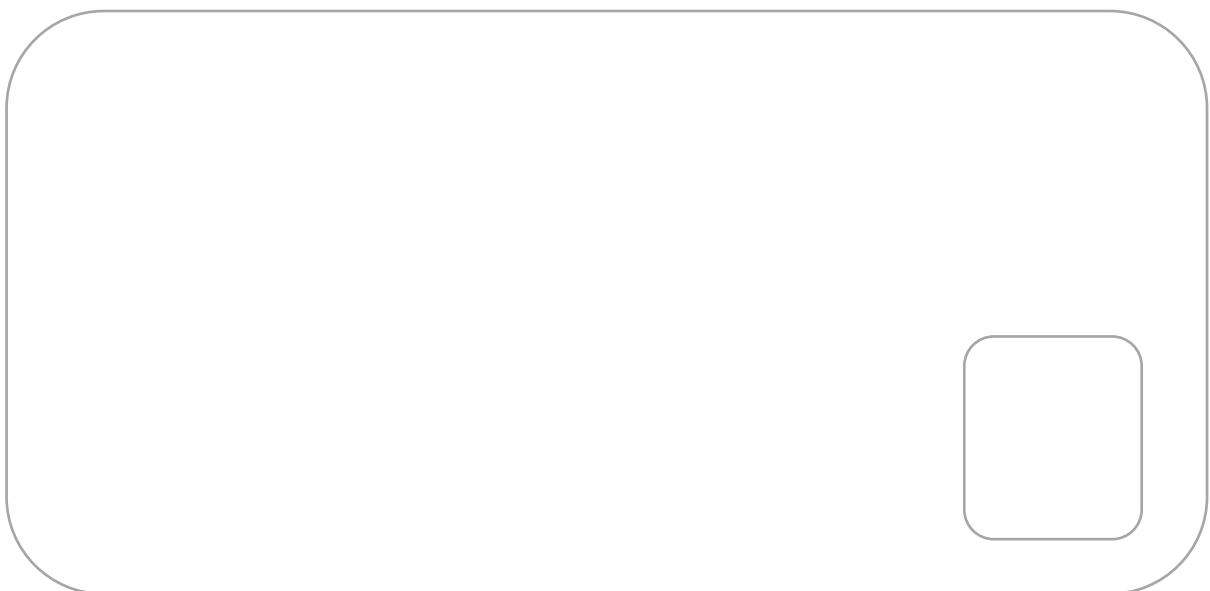
Show your working and write your answer in the box below. (2)



6) Work out, as a mixed number.

$$\frac{7}{11} + \frac{2}{3}$$

Show your working and write your answer in the box below. (2)



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7) Work out  $1\frac{2}{5} + 2\frac{1}{2}$

Give your answer as a mixed number.

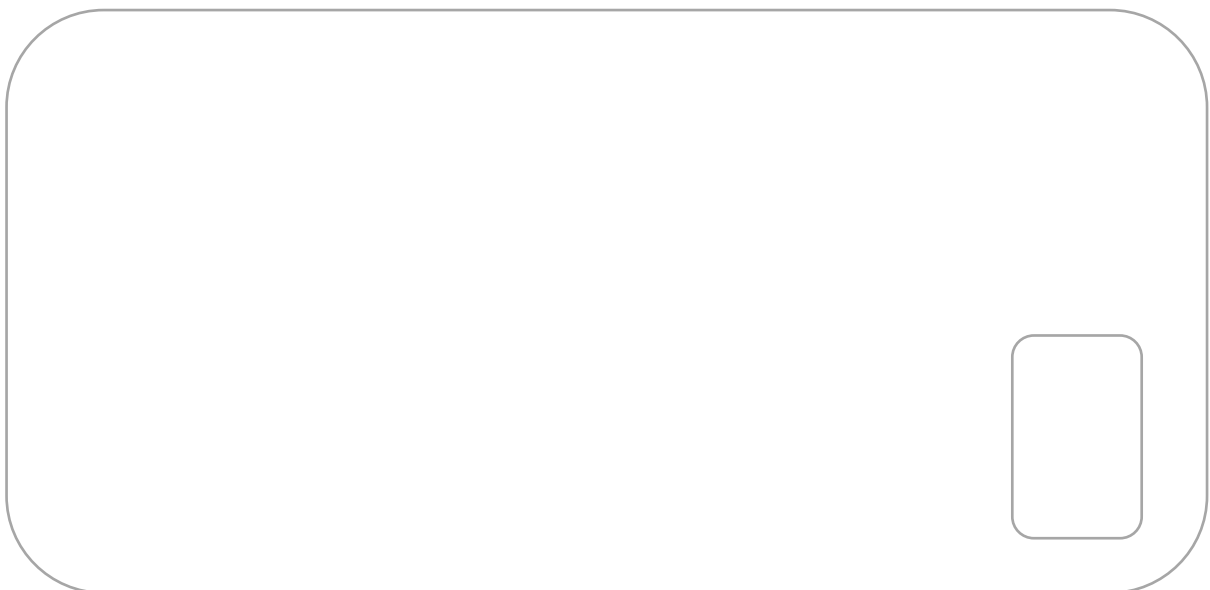
Show your working and write your answer in the box below. (3)



8) Work out  $4\frac{1}{3} - 3\frac{4}{9}$

Give your answer as a fraction.

Show your working and write your answer in the box below. (3)



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9) Matthew is training for a race.

He runs 3 days in one week.

Matthew runs  $1\frac{1}{2}$  miles on Monday.

Then he runs  $1\frac{2}{3}$  miles on Thursday.

Finally, he runs  $2\frac{1}{5}$  miles on Sunday.

Work out how far Matthew ran in total.

Show your working and write your answer in the box below.

(3)

.....miles

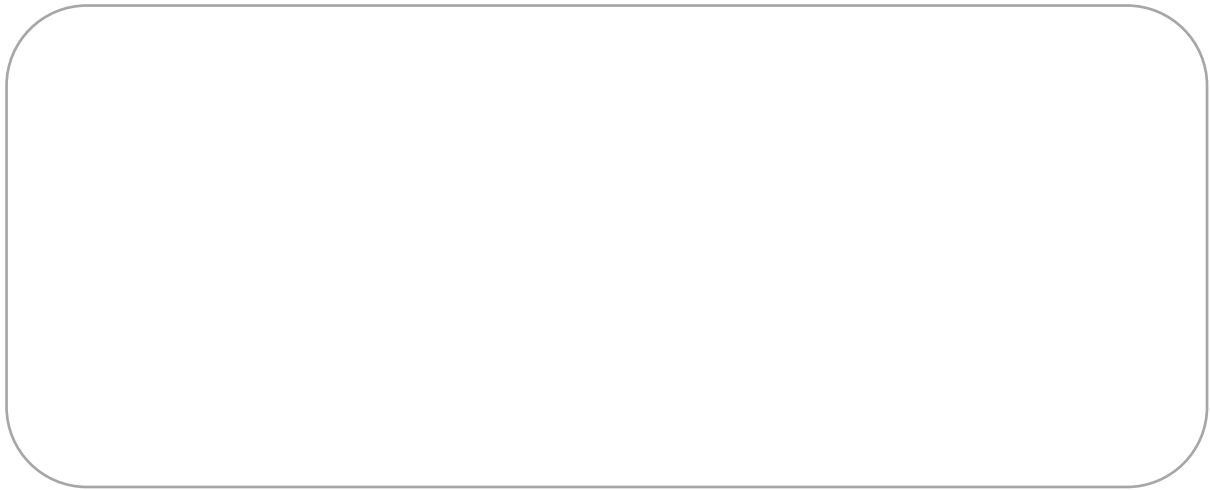
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10) Of 500 people, 100 wear glasses.

Write the number of people who **do not** wear glasses as a fraction of the total number of people.

Give your answer in its simplest form.

Show your working and write your answer in the box below. (2)



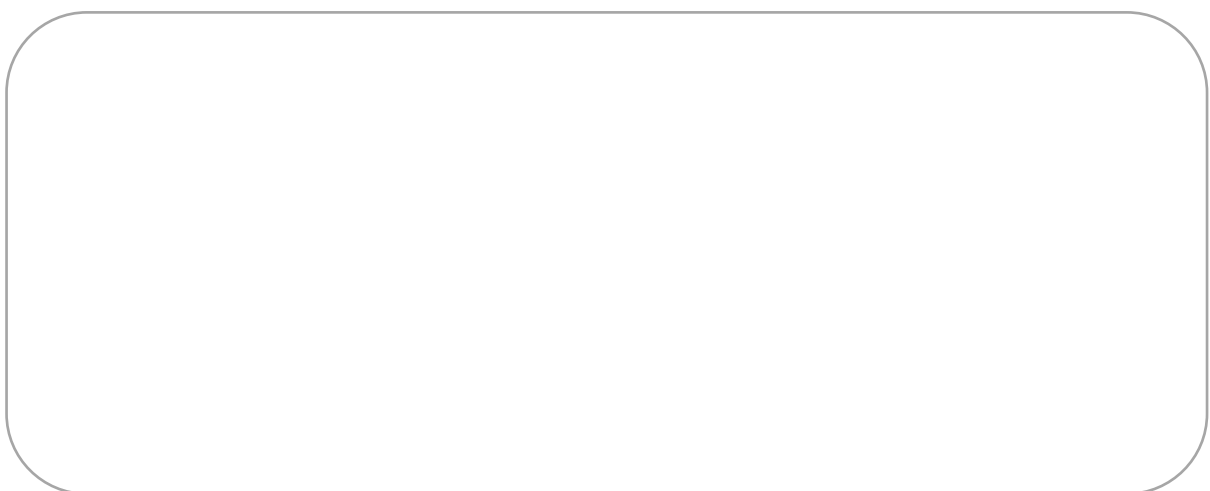
11) There are 400 pupils in a primary school.

Of the 400 pupils, 88 play a musical instrument.

Express the number of pupils who play a musical instrument as a fraction of the 400 pupils.

Give your answer in its simplest form.

Show your working and write your answer in the box below. (2)

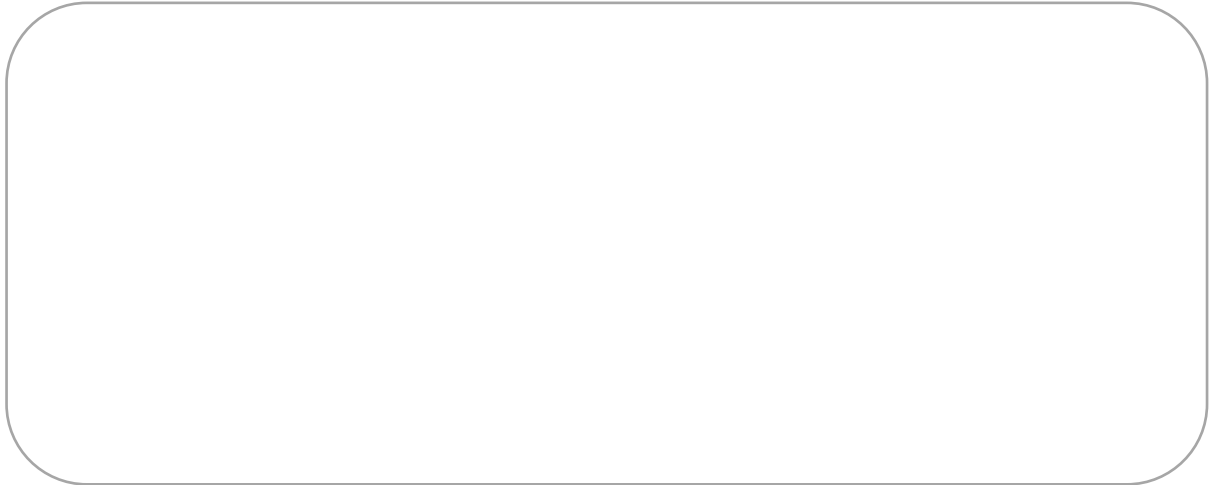


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12) Express 50p as a fraction of £4.

Give your answer in its simplest form.

Show your working and write your answer in the box below. (2)



13) In a bag there are 80 beads.

There are 35 yellow beads.

There are 17 red beads.

The rest of the beads are white.

Work out what fraction of the beads are white.

Give your answer in its simplest form.

Show your working and write your answer in the box below. (2)

