

Decimals

Question 1

Can you complete these calculations?

a $7 \times 10 =$

$7 \times 100 =$

$7 \times 1,000 =$

b $3.4 \times 10 =$

$3.4 \times 100 =$

$3.4 \times 1,000 =$

c $2.63 \times 10 =$

$2.63 \times 100 =$

$2.63 \times 1,000 =$

d $0.56 \times 10 =$

$0.56 \times 100 =$

$0.56 \times 1,000 =$

e $9.25 \times$ $= 92.5$

$\times 100 = 925$

$9.25 \times$ $= 9,250$

f $\times 10 = 87$

$8.7 \times$ $= 870$

$8.7 \times 1,000 =$



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Question 2

Can you fill in the gaps in these division calculations?

a $6,000 \div 10 =$

b $4,200 \div 10 =$

$6,000 \div 100 =$

$4,200 \div 100 =$

$6,000 \div 1,000 =$

$4,200 \div 1,000 =$

c $370 \div 10 =$

d $40 \div 10 =$

$370 \div 100 =$

$40 \div 100 =$

$370 \div 1,000 =$

$40 \div 1,000 =$

e $\div 10 = 39$

f $24 \div$ $= 2.4$

$390 \div$ $= 3.9$

$24 \div$ $= 0.24$

$\div 1,000 = 0.39$

$24 \div 1,000 =$



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Question 3

Can you find the calculation pairs with the same answers?

$$540 \div 100$$

$$0.54 \times 1,000$$

$$0.54 \times 100$$

$$540 \div 1,000$$

$$5.4 \div 10$$

$$0.54 \times 10$$

$$5,400 \div 10$$

$$5,400 \div 100$$

Can you create your own calculation pairs by multiplying and dividing by 10, 100 and 1,000?



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Question 4

Can you use known facts to help you complete the multiplications?

a $5 \times 0.9 =$

b $4 \times 0.9 =$

c $6 \times 0.2 =$

d $7 \times 0.5 =$

e $4 \times 0.04 =$

f $3 \times 0.03 =$

g $8 \times 0.09 =$

h $7 \times 0.06 =$

Question 5

Can you complete these multiplications?

You might want to use a place value grid to help.

a $4.1 \times 2 =$

b $6.2 \times 3 =$

c $1.6 \times 6 =$

Question 6

Can you complete these division calculations?

a $1.4 \div 2 =$

b $0.56 \div 2 =$

c $32.2 \div 7 =$

d $0.72 \div 8 =$

e $26.4 \div 3 =$

f $0.35 \div 5 =$

g $7.36 \div 8 =$

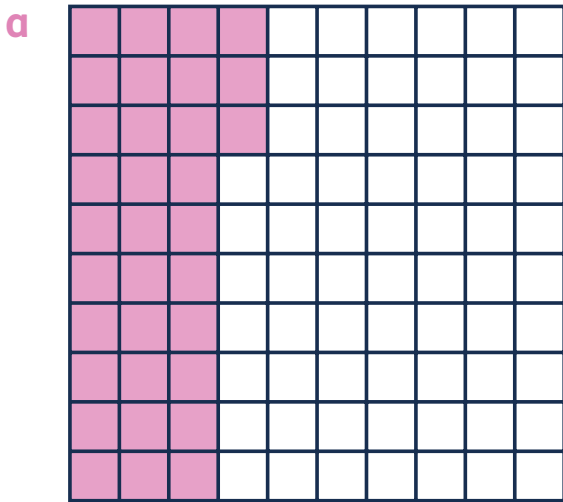
h $14.08 \div 2 =$



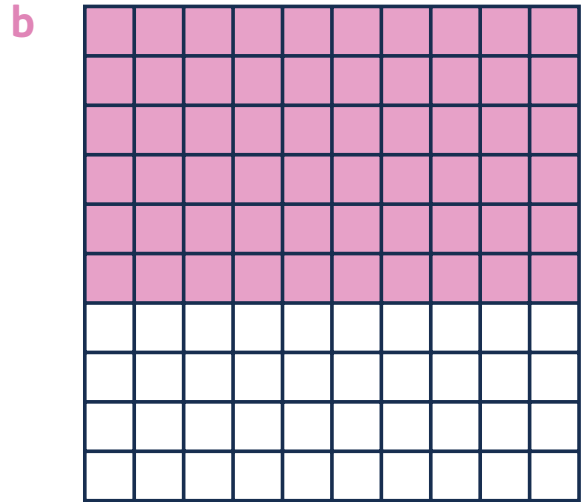
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Question 7

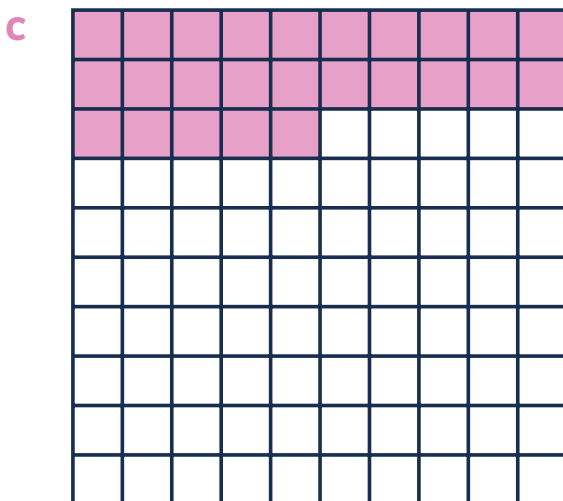
Can you write these decimals as a fraction? Can you simplify the fractions wherever possible? The first example has been done for you.



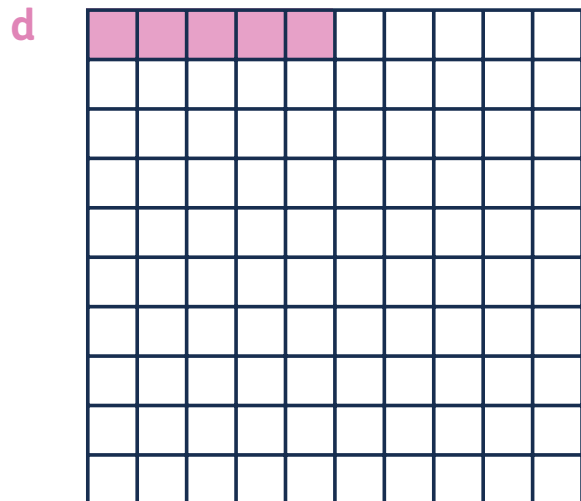
$$0.34 = \frac{34}{100} = \frac{17}{50}$$



$$\square = \frac{\square}{\square} = \frac{\square}{\square}$$



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