3.9 × 30 =	$1\frac{3}{4} + \frac{1}{2}$ Write your answer as a mixed number fraction.	Two of the angles in a triangle are 60° and 50°. Logan says, 'The triangle must be isosceles.' Explain why Logan is not correct.
Molly completes this calculation: $ \begin{bmatrix} - & 8 & 5 \\ - & 6 & 8 \\ - & 1 & 7 \end{bmatrix} $ Write an addition calculation she could use to check her answer.	Jamie has £300. He spends 65% of the money on a new bike. How much does Jamie spend on his new bike?	f The numbers in this sequence decrease by the same amount each time. 204 718, 203 718, 202 718, 201 718, 200 718 What is the next number in the sequence?



(1)

a A book has 316 pages. Ameena reads $\frac{1}{4}$ of the pages.

How many pages does Ameena have **left** to read?

The temperature in the fridge is 6°C.

The temperature in the freezer is -22°C.

What is the **difference** between the two temperatures?

Here is a drawing of a 3D shape.

С

d

Identify the number of faces, vertices and edges which the shape has:

faces:

vertices:

edges:

b

What is the name of this 3D shape?

0.1 ÷ 100

Identify all the common factors of both 12 and 28.

There are 24 students in a class.

The teacher has 8 litres of blackcurrant squash.

They pour 275 millilitres of blackcurrant squash for each student.

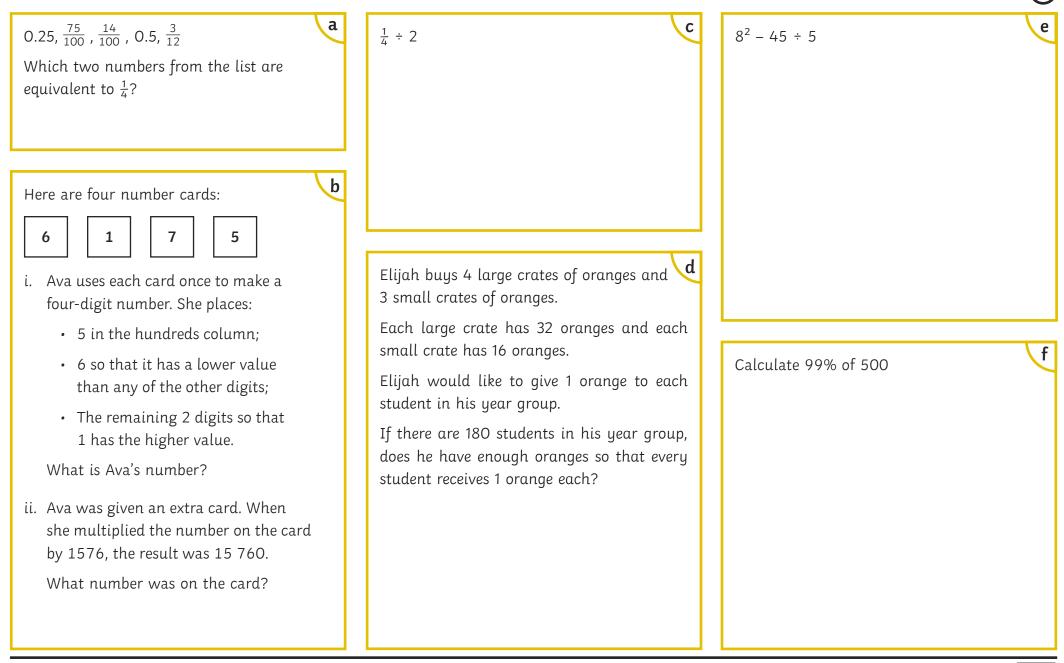
How much squash is **left** over? Give your answer in litres.



е

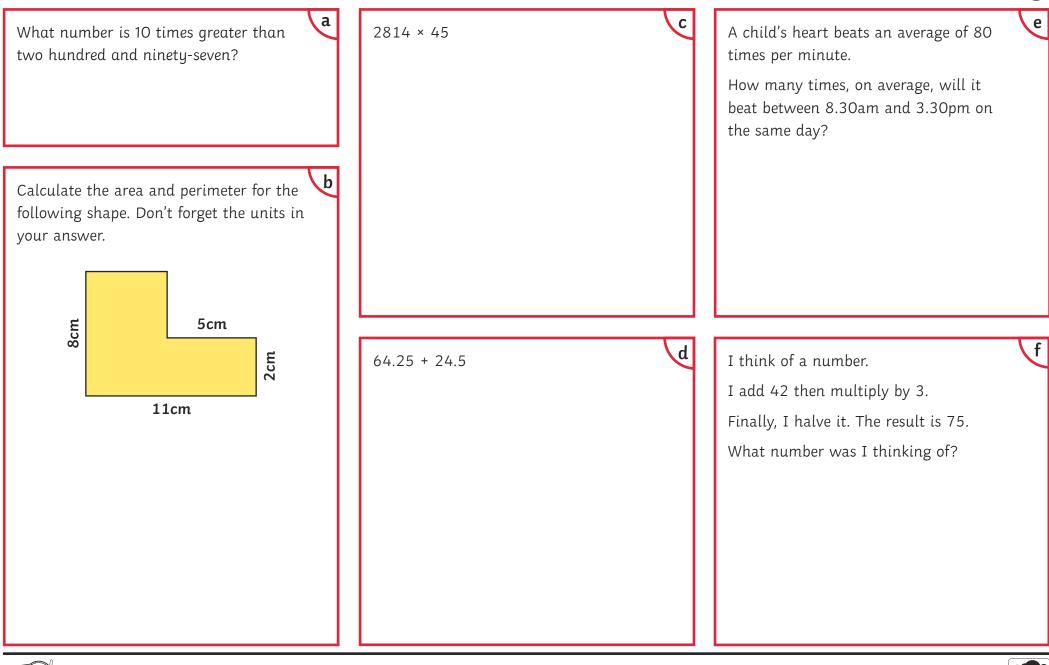










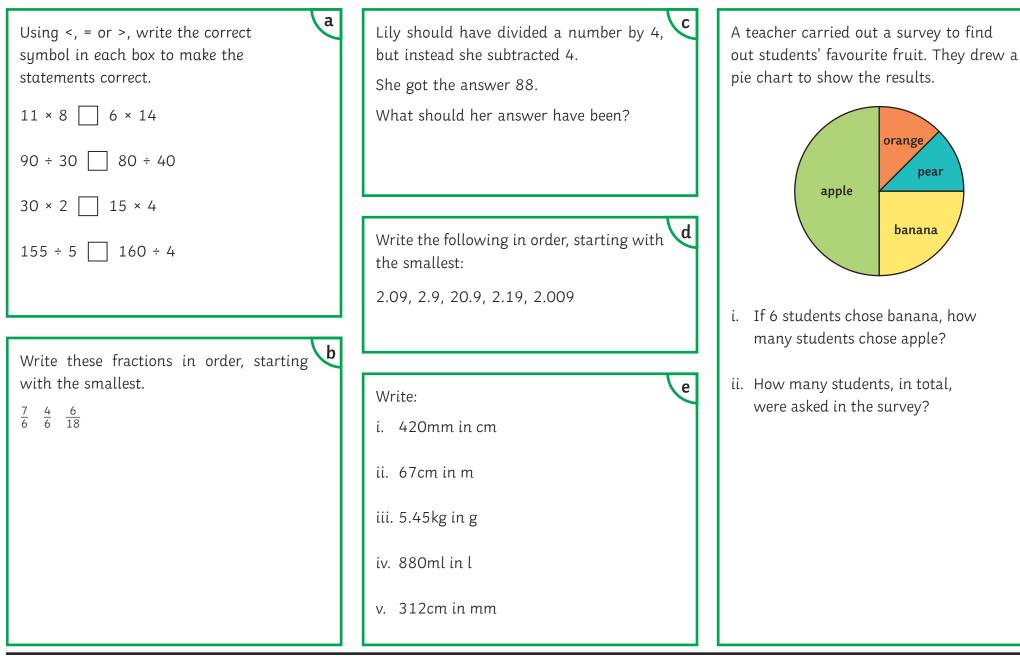




Round 82 275 to the nearest: i. 10 ii. 100 iii. 1000 iv. 10 000	Draw all the lines of symmetry on the diagram below.	e 6082 - 467.002
Calculate the missing angle, <i>a</i> .	A farmer is packing eggs. Each box holds six eggs. The farmer has 860 eggs to pack. i. How many boxes can the farmer fill? ii. How many eggs will be left over?	A bag contains 7 red beads, 4 blue beads, 5 orange beads and 2 pink beads. If a bead is picked at random, what is the probability of getting: i. A red bead? ii. A blue or pink bead? iii. Not an orange bead?



(5)

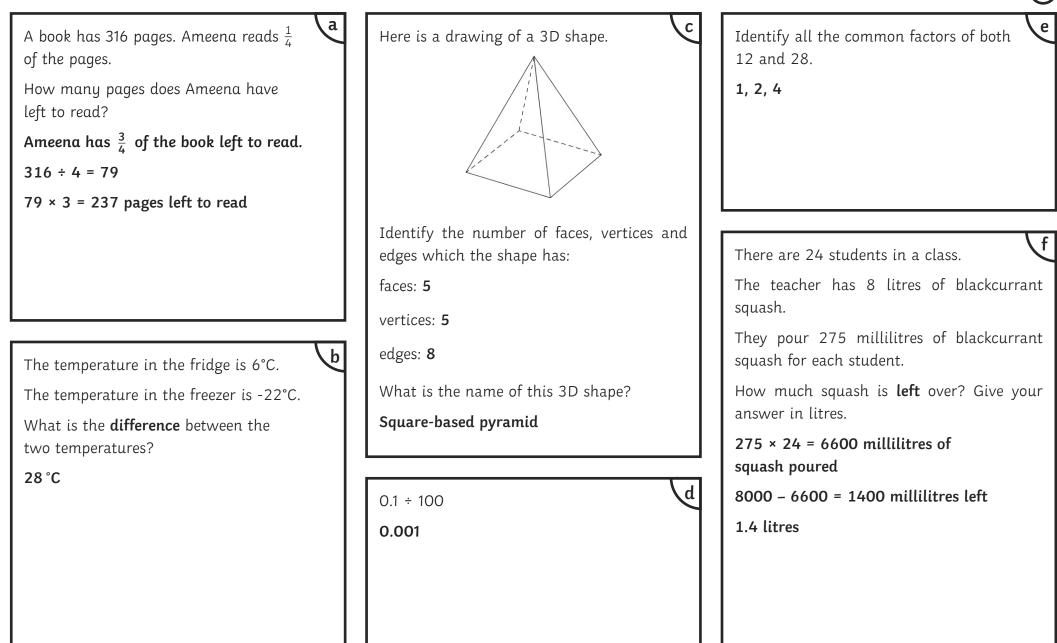




3.9 × 30 = 117	$1 \frac{3}{4} + \frac{1}{2}$ Write your answer as a mixed number fraction. $\frac{7}{4} + \frac{1}{2} = \frac{7}{4} + \frac{2}{4}$ $\frac{7}{4} + \frac{2}{4} = \frac{9}{4}$ $= 2 \frac{1}{4}$	Two of the angles in a triangle are 60° and 50°. Logan says, 'The triangle must be isosceles.' Explain why Logan is not correct. An isosceles triangle must have two equal angles. If two of the angles are 60 and 50, then the missing angle is 70. Therefore, none of the angles are equal and it is a scalene triangle, not isosceles.
Molly completes this calculation: $ \begin{bmatrix} - & 8 & 5 \\ - & 6 & 8 \\ \hline 1 & 7 \end{bmatrix} $ Write an addition calculation she could use to check her answer. 68 + 17 = 85	Jamie has £300. He spends 65% of the money on a new bike. How much does Jamie spend on his new bike? 10% = £30 60% = £180 5% = £15 180 + 15 = £195	The numbers in this sequence decrease by the same amount each time. 204 718, 203 718, 202 718, 201 718, 200 718 What is the next number in the sequence? 199 718

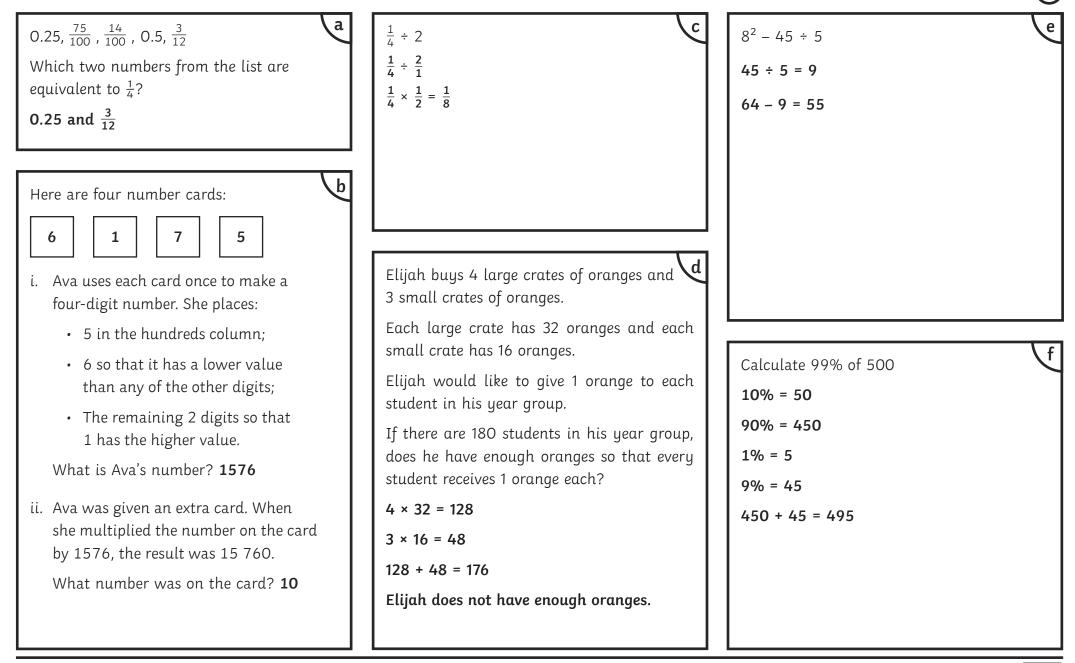


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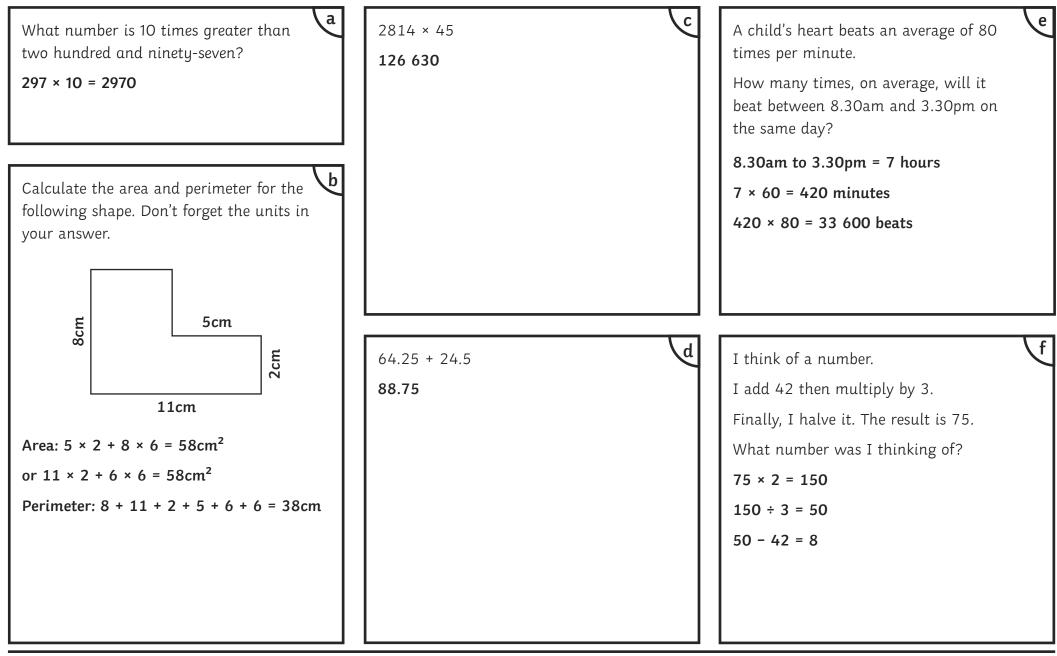






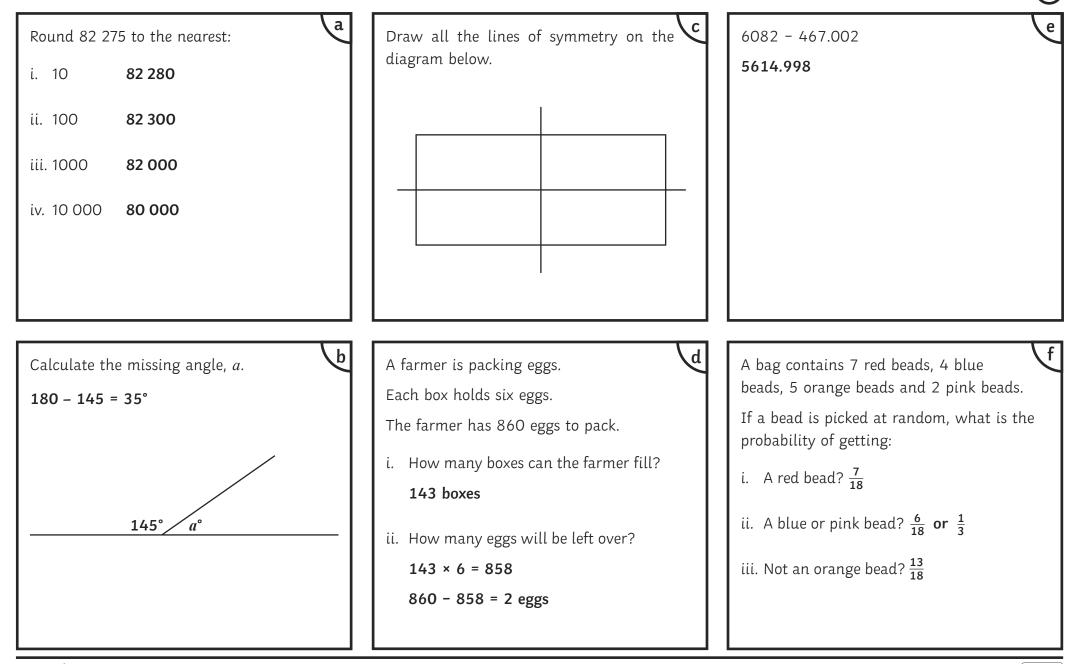






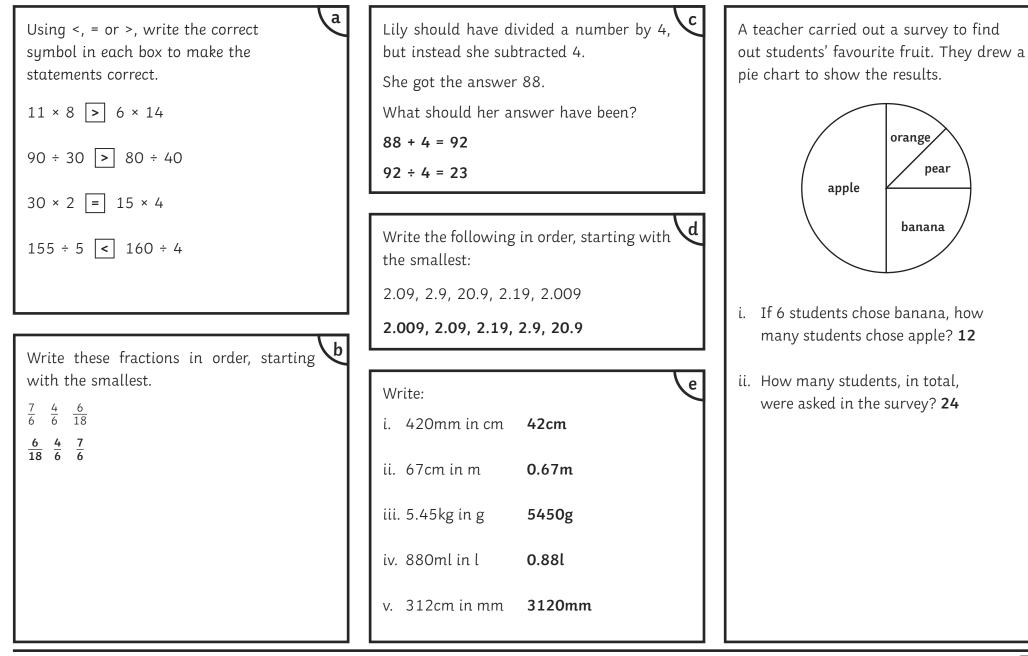


(4)















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