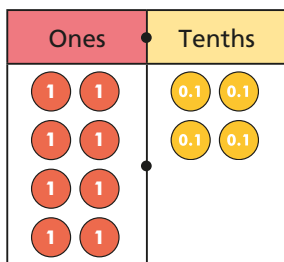
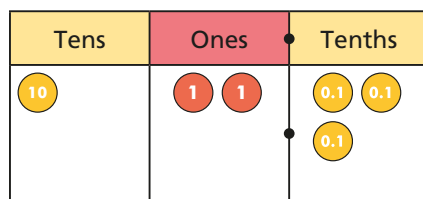


1 Use place value counters to work out the divisions.

a) $8.4 \div 4$



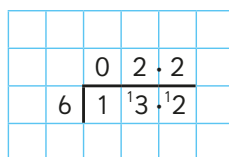
b) $12.3 \div 3$



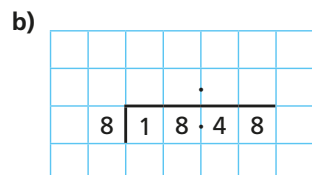
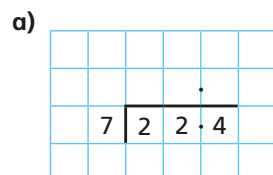
2 Work out the division. Draw your answer on a place value chart.

$16.4 \div 4$

3 Brett uses short division to work out $13.2 \div 6$



Use short division to work out the calculations.



4 Work out the divisions.

a) $25.6 \div 8$

c) $18.48 \div 6$

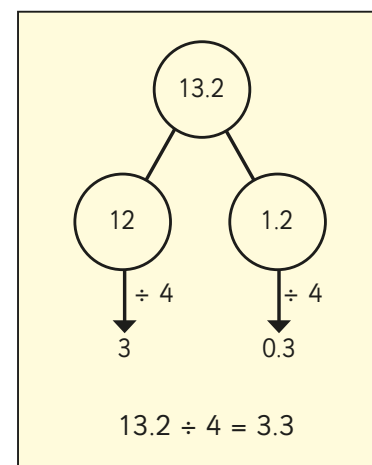
e) $202.35 \div 3$

b) $14.8 \div 4$

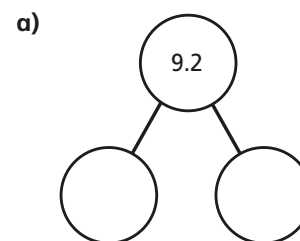
d) $19.45 \div 5$

f) $105.12 \div 9$

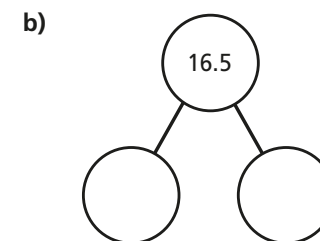
5 Esther solves $13.2 \div 4$ by partitioning 13.2 into two numbers that are easier to divide.



Use Esther's method to complete the part-whole model and calculation.



$9.2 \div 4 = \square$



$16.5 \div 3 = \square$

Compare answers with a partner. Did you partition your numbers in the same way?

4 Work out the divisions.

a) $25.6 \div 8$

c) $18.48 \div 6$

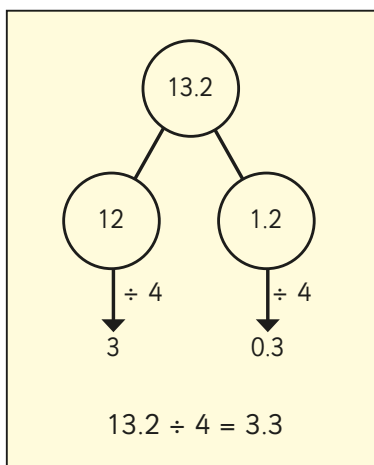
e) $202.35 \div 3$

b) $14.8 \div 4$

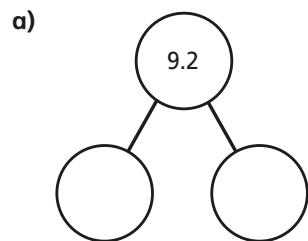
d) $19.45 \div 5$

f) $105.12 \div 9$

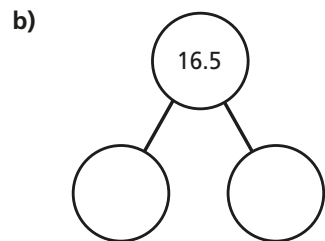
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Use Esther's method to complete the part-whole model and calculation.



$9.2 \div 4 = \square$



$16.5 \div 3 = \square$

Compare answers with a partner. Did you partition your numbers in the same way?

6 Work out the divisions.

a) $9.64 \div 4$

b) $19.44 \div 9$

$96.4 \div 4$

$19.53 \div 9$

$0.964 \div 4$

$19.62 \div 9$

$9.64 \div 8$

7 Fill in the missing numbers.

$3.6 \div 4 = 36 \div \square$

$3.6 \div 4 = \square \div 8$

8 Complete the calculation.

$8.4 \div \square = 4.2 \div \square$

How many different solutions can you find?

What patterns do you notice? Talk about it with a partner.