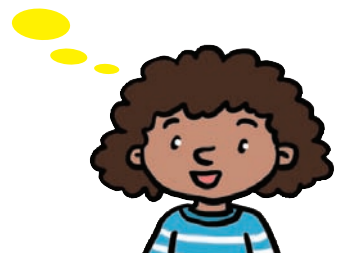
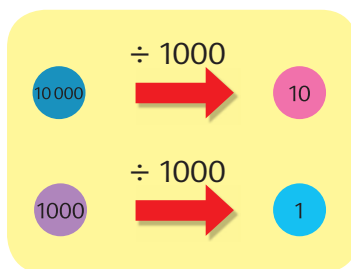
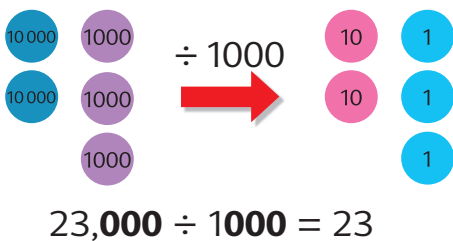
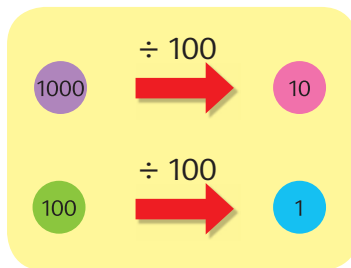
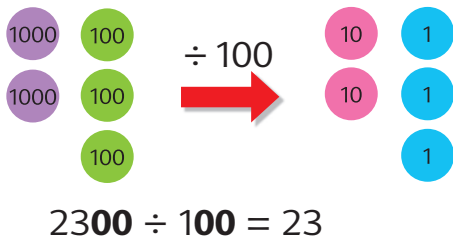
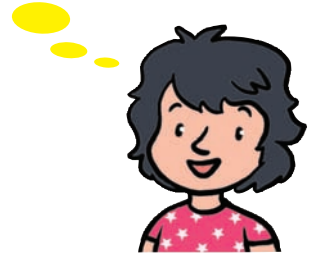
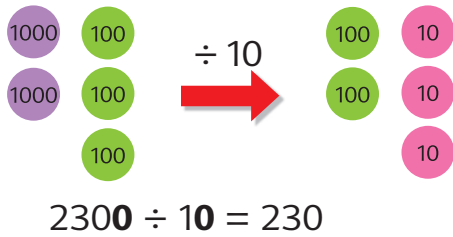
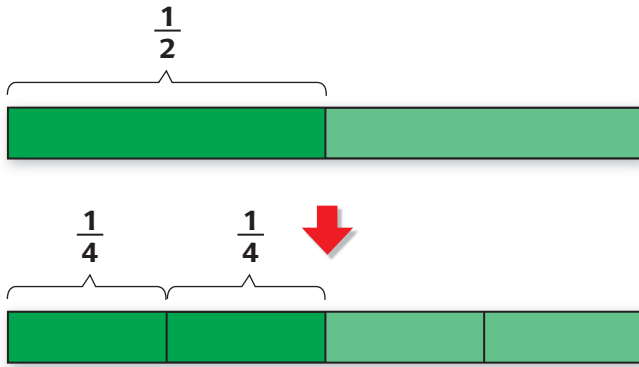


6 Dividing by Tens, Hundreds or Thousands



5. Divide $\frac{1}{2}$ by $\frac{1}{4}$.



Divide $\frac{1}{2}$ into fourths.
There are 2 fourths.



$$\frac{1}{2} \div \frac{1}{4} = \frac{1}{2} \times 4$$

$$= \square$$

Dividing by $\frac{1}{4}$ is the same as multiplying by 4.

4 is the reciprocal of $\frac{1}{4}$.

6. Divide.

$$(a) \frac{2}{3} \div \frac{1}{3} = \frac{2}{3} \times \square$$

$$= \square$$

$$(b) \frac{2}{3} \div \frac{1}{6} = \frac{2}{3} \times \square$$

$$= \square$$

7. Divide.

$$(a) \frac{1}{4} \div \frac{1}{2}$$

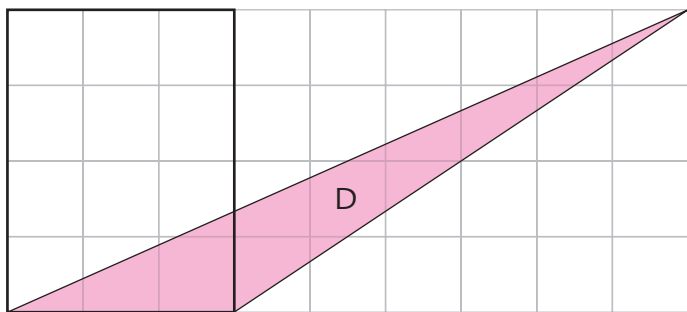
$$(b) \frac{2}{5} \div \frac{1}{10}$$

$$(c) \frac{3}{4} \div \frac{1}{8}$$

$$(d) \frac{5}{6} \div \frac{1}{6}$$

$$(e) \frac{2}{9} \div \frac{1}{3}$$

$$(f) \frac{3}{8} \div \frac{1}{4}$$



Area of related rectangle
 $= 3 \times 4$
 $= 12$ square units

Area of Triangle D
 $= \frac{1}{2} \times (9 \times 4) - \frac{1}{2} \times (6 \times 4)$
 $= \frac{1}{2} \times (9 \times 4) - (6 \times 4)$
 $= \frac{1}{2} \times (9 - 6) \times 4$
 $= \frac{1}{2} \times 3 \times 4$
 $= \text{orange square}$ square units

Area of triangle $= \frac{1}{2} \times$ Area of related rectangle



$$\text{Area of triangle} = \frac{1}{2} \times \text{base} \times \text{height}$$

$$A = \frac{1}{2} \times b \times h$$

- For each of the following shaded triangles, name the height which is related to the given base of the triangle.

