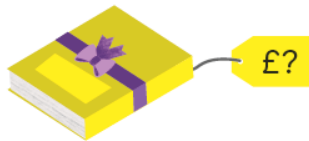
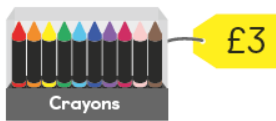




Multiplying Mixed Numbers by Whole Numbers

In Focus

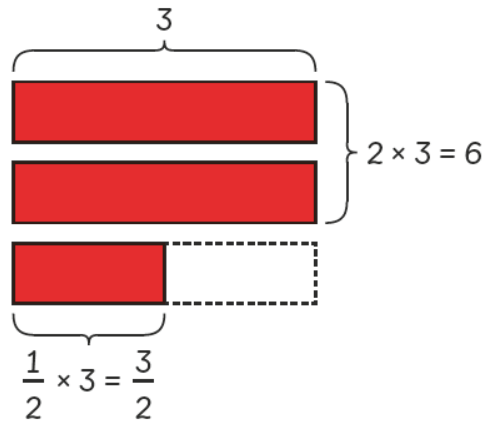


 costs $2\frac{1}{2}$ times as much as .

How much does  cost?

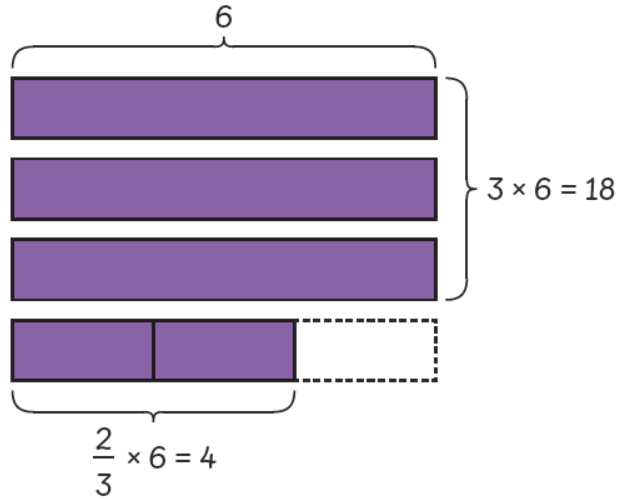
Let's Learn

$$\begin{aligned} 1 \quad 2\frac{1}{2} \times 3 &= 6 + \frac{3}{2} \\ &= 6 + 1\frac{1}{2} \\ &= 7\frac{1}{2} \end{aligned}$$



 costs £7.50.

2 $3\frac{2}{3} \times 6 = 18 + 4$
 $= 22$

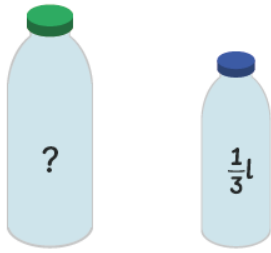


Guided Practice

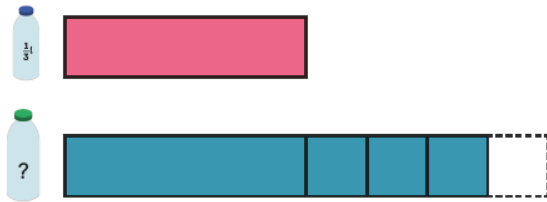
- 1 The larger bottle of juice costs $1\frac{1}{2}$ times as much as the smaller bottle.



2



? contains $1\frac{3}{4}$ times the volume of water in $\frac{1}{3}$ l.



3

(a) $1\frac{1}{5} \times 8 =$



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



Name: _____ Class: _____ Date: _____

Worksheet 18

Multiplying Mixed Numbers by Whole Numbers

Solve.

- 1 A small bag of pebbles weighs $1\frac{1}{2}$ kg. A big bag of pebbles is 3 times as heavy as the small bag. What is the total weight of the two bags of pebbles?

- 2 Charles' daily allowance is £6. Lulu's allowance is $2\frac{1}{2}$ times as much as Charles' allowance. How much is Lulu's daily allowance?

3 Parcel A weighs 3 kg. Parcel B weighs $2\frac{4}{5}$ times as much as Parcel A.

What is the total weight of the two parcels?

4 12 bottles of water are needed to fill a tank to the brim. Each bottle has a capacity of $1\frac{3}{8}$ l. Find the capacity of the tank.