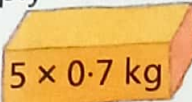
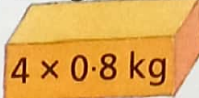
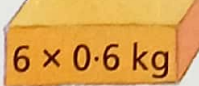
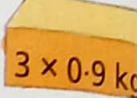
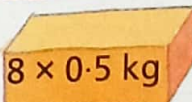
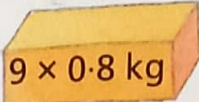
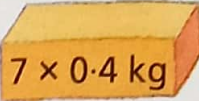



Setting sail

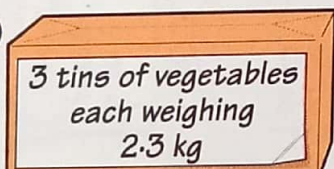
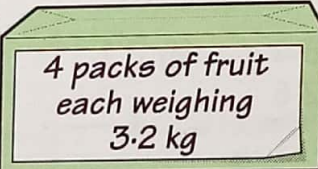
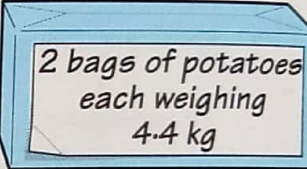


- 1 The crew load their boat with supplies for the fishing trip. Multiply to find the total weight of tinned food in each box.

(a)  $5 \times 0.7 \text{ kg}$	(b)  $4 \times 0.8 \text{ kg}$	(c)  $6 \times 0.6 \text{ kg}$	(d)  $3 \times 0.9 \text{ kg}$
(e)  $8 \times 0.5 \text{ kg}$	(f)  $9 \times 0.8 \text{ kg}$	(g)  $7 \times 0.4 \text{ kg}$	(h)  $5 \times 0.5 \text{ kg}$

- 2 Each tin of coffee weighs 1.2 kg. Find the total weight of (a) 2 tins (b) 4 tins (c) 3 tins.

- 3 Find the total weight of food in each box.

(a) 	(b) 	(c) 
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- 4 A machine uses 2.6 m of tape to bind each box for the trip. What length of tape is needed for

(a) 6 boxes (b) 7 boxes (c) 5 boxes (d) 8 boxes (e) 9 boxes?

- 5 Find these lengths.

(a) $5 \times 7.3 \text{ m}$ (b) $4 \times 9.4 \text{ m}$ (c) $6 \times 7.3 \text{ m}$ (d) $7 \times 4.9 \text{ m}$ (e) $9 \times 5.4 \text{ m}$
 (f) $3 \times 5.7 \text{ m}$ (g) $7.9 \text{ m} \times 8$ (h) $5.7 \text{ m} \times 7$ (i) $6.3 \text{ m} \times 9$ (j) $4.8 \text{ m} \times 8$

6 (a) $4 \times 17.2 \text{ m}$ (b) $6 \times 15.8 \text{ m}$ (c) $3 \times 38.6 \text{ m}$ (d) $26.8 \text{ m} \times 5$

- 7 A forklift truck carries 10 crates each time. Find the total weight of each of these loads.

(a) $10 \times 5.9 \text{ kg}$ (b) $10 \times 6.4 \text{ kg}$ (c) $10 \times 8.7 \text{ kg}$ (d) $10 \times 9.1 \text{ kg}$

What do you notice about your answers?

To multiply by 10, move each digit one place to the left.

- 8 Find mentally.

(a) 10×6.3 (b) 10×4.8 (c) 10×9.5
 (d) 10×12.1 (e) 10×26.6 (f) 10×30.3
 (g) 41.7×10 (h) 57.6×10 (i) 68.8×10

