EXERCISE 25

1. Find the average of each of the following:

(a) 3, 8 and 7

$3 + 8 + 7 = 18$

The sum is 18.

$18 \div 3 = 6$

The average is 6.

(b) 45 and 33

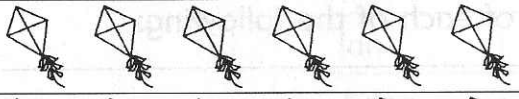
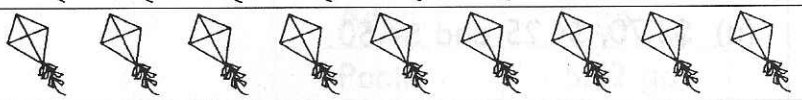
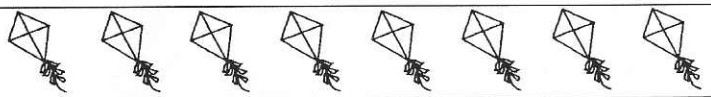
Average of the 2 numbers: $\frac{45+33}{2} = \frac{78}{2} = 39$

number of items in this problem

(c) 24, 38 and 19

(d) 20, 18, 36 and 98

2. This picture graph shows the number of kites made by 4 boys.

Ben	
Ramat	
Rosli	
David	

Find the average number of kites each boy made.

3. This table shows the amount of money saved by 4 girls.

Devi	Meiling	Maria	Lily
$25	$18	$32	$29

Find their average savings.

EXERCISE 26

1. Find the average of each of the following:

(a) $3.70, $4.25 and $4.50

(b) 12.5 m, 14.7 m and 12.4 m

(c) 15.5 kg, 12 kg, 14.3 kg and 16.6 kg

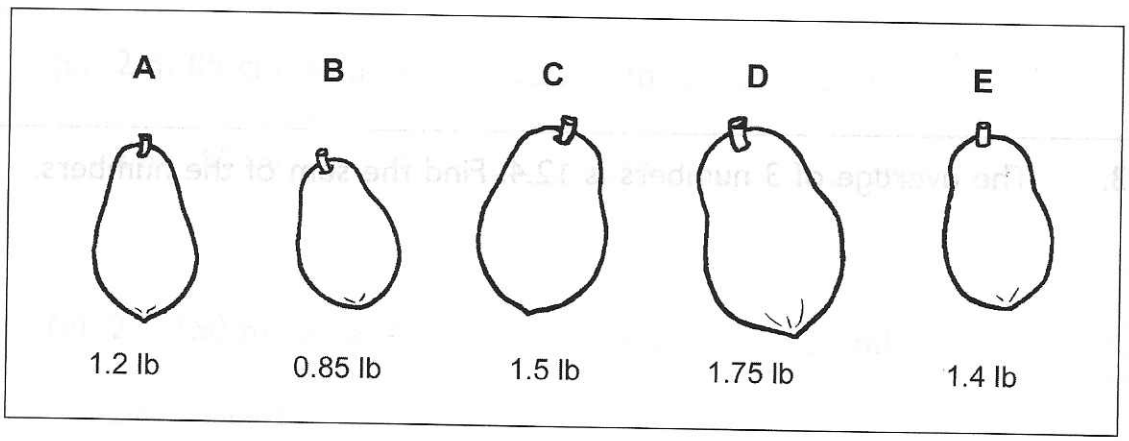
(d) 430 ℓ and 22 ℓ

Average of the 2 volumes: $\frac{430+22}{2} = \frac{452}{2} = 226\ \ell$

2. This table shows the shot put results of 4 boys. Find the average result.

Ian	3.8 yd
Adam	5 yd
Pablo	5.42 yd
Jim	4.5 yd

3.



Find the average weight of the papayas.

EXERCISE 27

1. From Monday to Wednesday, Alex sold 258 plums altogether. What was the average number of plums he sold per day?

2. The total weight of 8 onions is 720 g. What is their average weight?

3. The average of 3 numbers is 12.4. Find the sum of the numbers.

4. The average length of 4 pieces of ribbon is 28.5 in. Find their total length.

EXERCISE 28 unit conversion practice

Fill in the blanks.

1. (a) 3 m 20 cm × 4 = 12 m 80 cm

3 m 20 cm

(b) 85 cm × 3 = _____ cm

= _____ m _____ cm

(c) 2 m 85 cm × 3 = _____ m _____ cm

2 m 85 cm = _____ m _____ cm

2. (a) 2 ℓ 150 ml × 5 = _____ ℓ _____ ml

2 ℓ 150 ml

(b) 400 ml × 4 = _____ ml

= _____ ℓ _____ ml

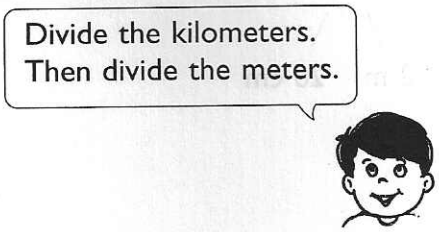
(c) 3 ℓ 400 ml × 4 = _____ ℓ _____ ml

3 ℓ 400 ml = _____ ℓ _____ ml

Fill in the blanks.

3. (a) 4 km 250 m ÷ 2 = _____ km _____ m

4 km 250 m



(b) 1 km 200 m ÷ 3 = 1200 m ÷ 3

= _____ m

(c) 4 km 200 m ÷ 3 = _____ km _____ m

3 km 1 km 200 m
(1200 m)

4. (a) 6 h 45 min ÷ 3 = _____ h _____ min

6 h 45 min

(b) 1 h 20 min ÷ 4 = 80 min ÷ 4

= _____ min

(c) 5 h 20 min ÷ 4 = _____ h _____ min

4 h 1 h 20 min
(80 min)

EXERCISE 29

1. The total weight of 4 bags of flour is 9 kg 400 g. Find their average weight.

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2. There are 6 containers. The average amount of water in each container is 2 ℓ 250 ml. Find the total amount of water in the 6 containers.

Remember Average = $\frac{\text{sum}}{\text{total \# in the list}}$ => So if

$2\ell\ 250\,m\ell = \frac{\text{sum}}{6}$, what is the sum?

Sum = $6 \times 2\ell\ 250\,m\ell$ = _____ ℓ _____ mℓ

EXERCISE 30

1. The average weight of Ali, Mingfa and Samy is 45 kg. Ali and Mingfa together weigh 85 kg. Find Samy's weight.

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2. Peter spent an average of $4.50 per day from Monday to Saturday. He spent $5.20 on Sunday.
What was the average amount of money he spent per day from Monday to Sunday?