

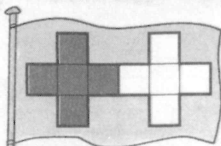
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Decimals: notation

Pennants



0.5 ($\frac{5}{10}$ or $\frac{1}{2}$) of this pennant design is red. →



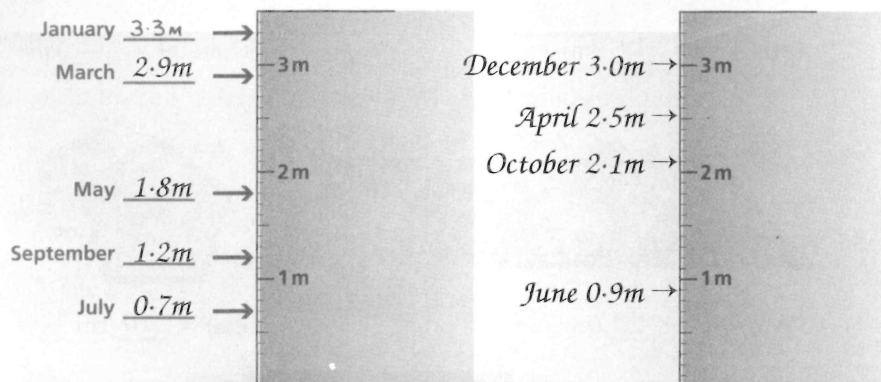
1 Colour each design to show the decimal fraction.

0.6 	0.4 	0.8 	0.9
2.3 		3.7 	

Other shadings are possible.

2 The water level changes during the year.

- (a) The arrow shows the January level as 3.3 metres. Complete the other levels.
- (b) Draw arrows to show these levels
 April 2.5m October 2.1m
 June 0.9m December 3.0m.



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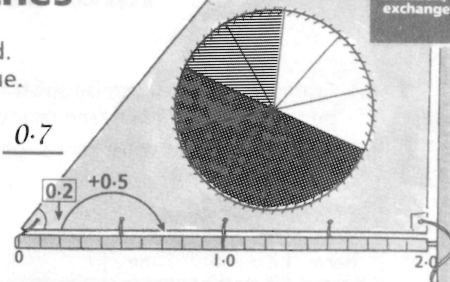
Decimals: addition, no exchange

Patches

- 1 Colour 2 tenths of the sail patch red. Colour 5 tenths of the sail patch blue.

- (a) What fraction of the patch have you coloured altogether? 0.7
- (b) Complete:

$$\begin{array}{r} 0.2 \\ + 0.5 \\ \hline 0.7 \end{array}$$



- 2 (a) Colour red → 0.1
 blue → 0.3
 green → 0.4



(b) Complete:

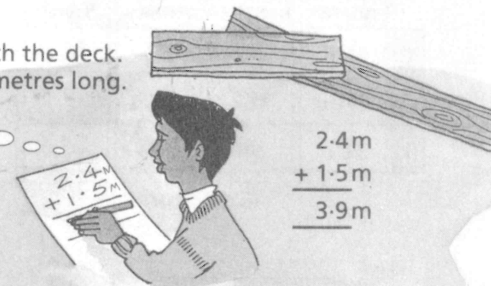
$$\begin{array}{r} 0.1 \\ 0.3 \\ + 0.4 \\ \hline 0.8 \end{array}$$

3 Find mentally:

- (a) $0.2 + 0.4 = 0.6$ (b) $0.4 + 0.3 = 0.7$ (c) $0.7 + 0.2 = 0.9$
- (d) $0.3 + 0.5 = 0.8$ (e) $0.5 + 0.1 + 0.3 = 0.9$ (f) $0.2 + 0.4 + 0.3 = 0.9$

Vijay uses 2 pieces of wood to patch the deck. The pieces are 1.5 metres and 2.4 metres long.

Add the tenths. 5 and 4 is 9 tenths.
 Add the units. 1 and 2 is 3 units.



Altogether he uses 3.9 metres.

4 Add these lengths of wood.

- | | | | | | |
|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| (a) 1.4m
+ 2.3m

3.7m | (b) 3.6m
+ 4.2m

7.8m | (c) 7.4m
+ 1.5m

8.9m | (d) 6.0m
+ 0.4m

6.4m | (e) 0.7m
+ 5.2m

5.9m | (f) 6.3m
+ 1.5m

7.8m |
|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|

5 Find

- | | | | | | |
|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|------------------------------------|------------------------------------|
| (a) 26.4
+ 12.3

38.7 | (b) 37.1
+ 21.6

58.7 | (c) 54.2
+ 30.0

84.2 | (d) 14.5
+ 83.4

97.9 | (e) 50.4
+ 6.1

56.5 | (f) 71.3
+ 8.2

79.5 |
|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|------------------------------------|------------------------------------|

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