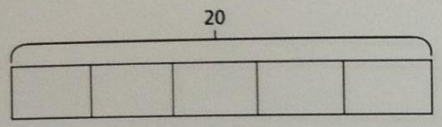
Wednesday hello y6

Please go to white rose maths summer week 4 lesson 4 and watch the video before completing the worksheet:

Fractions of an amount

1



a) Shade $\frac{1}{5}$ of the bar model.

b) What is $\frac{1}{5}$ of 20? ☐

2 Use your times tables knowledge to solve the calculations.

a) $\frac{1}{3}$ of 12 = ☐

b) $\frac{1}{4}$ of £20 = ☐

c) $\frac{1}{5}$ of 35 m = ☐

d) $\frac{1}{10}$ of 80 cm = ☐

e) $\frac{1}{12}$ of 60 = ☐

f) $\frac{1}{7}$ of 84 kg = ☐

Now use your answers to solve these calculations.

a) $\frac{2}{3}$ of 12 = ☐

b) $\frac{3}{4}$ of £20 = ☐

c) $\frac{3}{5}$ of 35 m = ☐

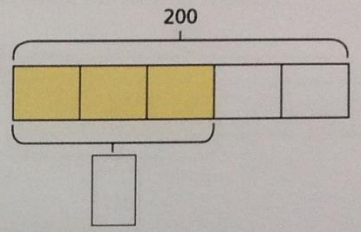
d) $\frac{7}{10}$ of 80 cm = ☐

e) $\frac{11}{12}$ of 60 = ☐

f) $\frac{6}{7}$ of 84 kg = ☐

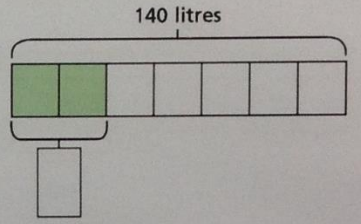
3 Calculate the missing values.

a)



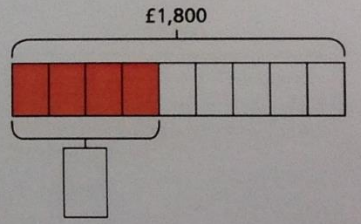
$\frac{3}{5}$ of 200 = ☐

b)



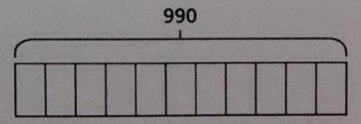
$\frac{2}{7}$ of 140 litres = ☐

c)



$\frac{4}{9}$ of £1,800 = ☐

d)



$\frac{3}{11}$ of 990 = ☐

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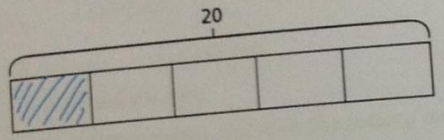
Fractions of an amount

White Rose Maths

1



a) Shade $\frac{1}{5}$ of the bar model.

b) What is $\frac{1}{5}$ of 20? 4

2 Use your times tables knowledge to solve the calculations.

a) $\frac{1}{3}$ of 12 = 4

b) $\frac{1}{4}$ of £20 = £5

c) $\frac{1}{5}$ of 35 m = 7m

d) $\frac{1}{10}$ of 80 cm = 8 cm

e) $\frac{1}{12}$ of 60 = 5

f) $\frac{1}{7}$ of 84 kg = 12kg

Now use your answers to solve these calculations.

a) $\frac{2}{3}$ of 12 = 8

b) $\frac{3}{4}$ of £20 = £15

c) $\frac{3}{5}$ of 35 m = 21m

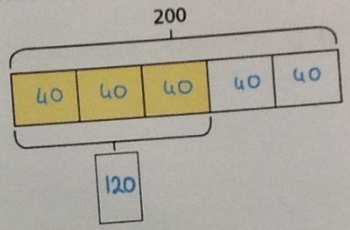
d) $\frac{7}{10}$ of 80 cm = 56cm

e) $\frac{11}{12}$ of 60 = 55

f) $\frac{6}{7}$ of 84 kg = 72kg

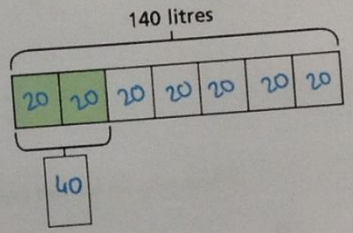
3 Calculate the missing values.

a)



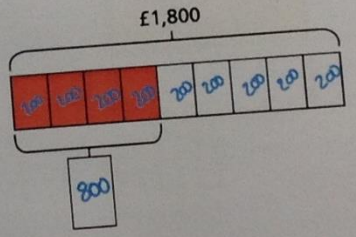
$\frac{3}{5}$ of 200 = 120

b)



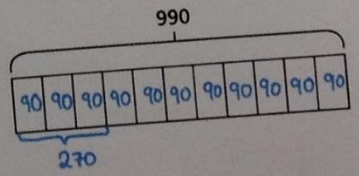
$\frac{2}{7}$ of 140 litres = 40L

c)



$\frac{4}{9}$ of £1,800 = £800

d)



$\frac{3}{11}$ of 990 = 270

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