Calculate quantities

1 Match the calculations to the bar models.

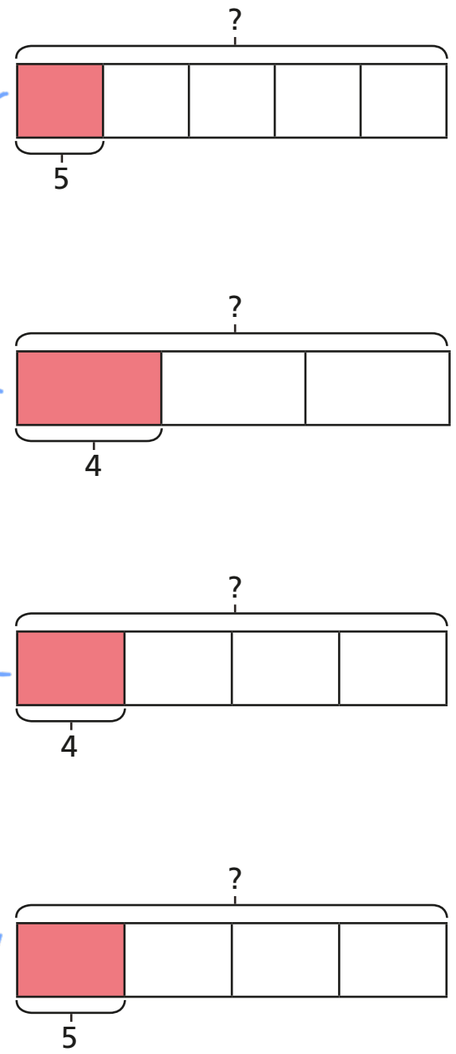
Work out the missing quantities.

$\frac{1}{4}$ of [20] = 5

$\frac{1}{4}$ of [16] = 4

$\frac{1}{5}$ of [25] = 5

$\frac{1}{3}$ of [12] = 4



2 Complete the sentences.

a) When one fifth is 1, the whole is [5]

When one fifth is 10, the whole is [50]

When one fifth is 20, the whole is [100]

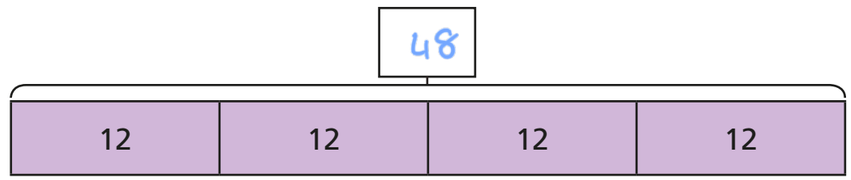
b) When $\frac{1}{7}$ is 2, the whole is [14]

When $\frac{1}{7}$ is 4, the whole is [28]

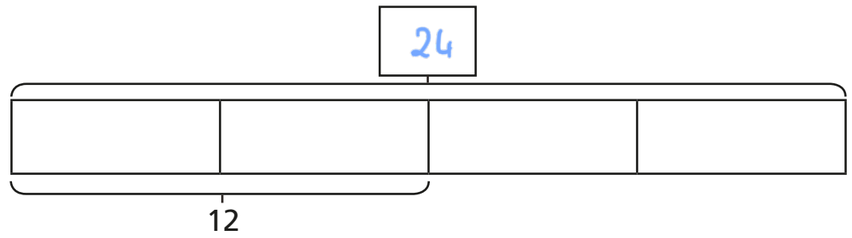
When $\frac{1}{7}$ is 8, the whole is [56]

3 Complete the bar models and fill in the whole.

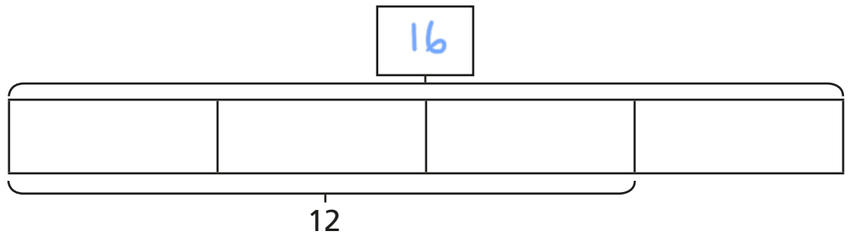
a)



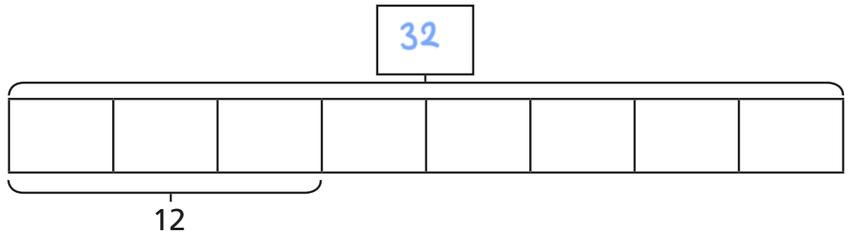
b)



c)



d)



4 Complete the calculations.

a) $\frac{1}{2}$ of [60] = 30

b) $\frac{1}{2}$ of [30] = 15

c) $\frac{1}{4}$ of [60] = 15

d) $\frac{3}{4}$ of [20] = 15

e) $\frac{3}{7}$ of [35] = 15

f) $\frac{5}{7}$ of [21] = 15

g) $\frac{5}{7}$ of [49] = 35

h) $\frac{7}{5}$ of [25] = 35

5 Dora and Mo have a full bottle of juice.

Dora drinks $\frac{2}{5}$ of the juice.

Mo drinks $\frac{1}{5}$ of the juice.

There is 150 ml of juice left in the bottle.

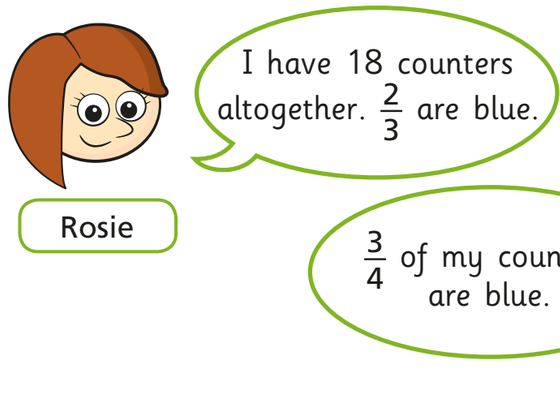
How much juice was in the full bottle?

[375] ml

6 Rosie and Ron are collecting red and blue counters.

They have the same number of blue counters.

They have a different number of red counters.



a) How many counters does Ron have altogether?

[16]

b) How many red counters do they each have?

Rosie has [6] red counters.

Ron has [4] red counters.