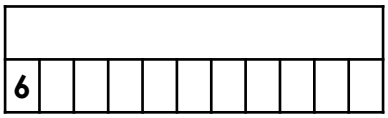
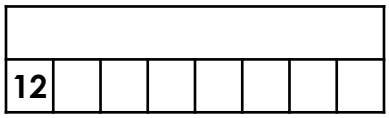
Calculate Quantities

1. Match the calculations to the correct whole number. Use the bar models to help you.

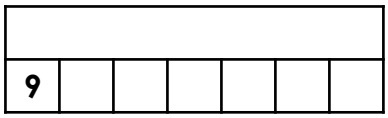
A. $\frac{1}{11}$ of $\square$ is 6



B. $\frac{1}{8}$ of $\square$ is 12



C. $\frac{1}{7}$ of $\square$ is 9



63

96

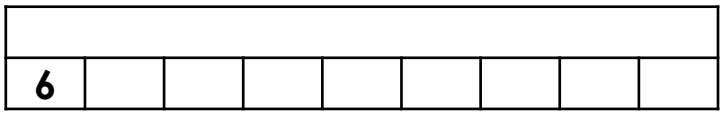
66

D

VF
HW/Ext

2. Alfie is putting some candles on a cake.

I have used 6 candles, which is $\frac{1}{9}$ of the packet.



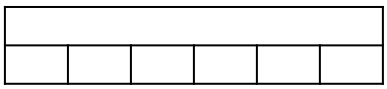
How many candles are left in the packet? Use the bar model to help.

D

VF
HW/Ext

3. Ben and Sally are working out the missing number in the calculation below.

$\frac{1}{6}$ of $\square$ = 8



Ben

I think the whole number is 36 because each part of the bar model is 6.

I think the whole number is 48 because one of the parts is 8.

Sally

Who is correct? Convince me.

D

RPS
HW/Ext

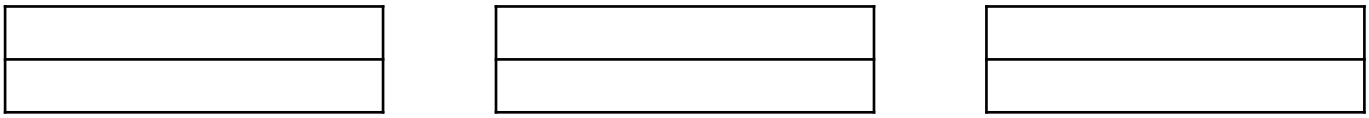
Calculate Quantities

4. Match the calculations to the correct whole number. Use bar models to help you.

A. $\frac{5}{11}$ of $\square$ is 20

B. $\frac{5}{9}$ of $\square$ is 45

C. $\frac{7}{12}$ of $\square$ is 56



96 81 44

E

VF
HW/Ext

5. George is planting some seeds in his garden.

I have already used forty-five seeds, which is $\frac{5}{12}$ of the packet.

How many seeds are left in the packet?

E

VF
HW/Ext

6. Evie and Chris are working out the missing number in the calculation below.

$\frac{5}{6}$ of $\square$ = 60

Evie

The answer is 50. I divide the whole number by the denominator and then multiply by the numerator.

The answer is 72. I divide the whole number by the numerator and the multiply by the denominator.

Chris

Who is correct? Convince me.

E

RPS
HW/Ext

Calculate Quantities

7. Match the calculations to the correct whole number. Use bar models to help you.

A. $\frac{15}{40}$ of $\square$ is 36

B. $\frac{14}{18}$ of $\square$ is 84

C. $\frac{21}{27}$ of $\square$ is 70

90

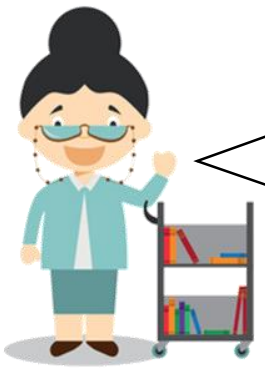
108

96

GD

VF
HW/Ext

8. Philippa is putting her books away on a shelf.



I put $\frac{9}{27}$ of the books on the shelf yesterday and $\frac{4}{9}$ away today. In total, I have put 42 books away.

How many books does she still need to put away?

GD

VF
HW/Ext

9. Arthur and Iris are working out the missing number in the calculation below.

$\frac{16}{24}$ of $\square$ = 56

Arthur

I can use the related fact $\frac{16}{24} = \frac{2}{3}$ to solve the calculation.

I can use the related fact $\frac{16}{24} = \frac{4}{6}$ to solve the calculation.

Iris

Who is correct? Convince me.

GD

RPS
HW/Ext