

# Homework/Extension

## Step 3: Find a Half

### National Curriculum Objectives:

Mathematics Year 2: (2F1a) [Recognise, find, name and write fractions  \$1/3\$ ,  \$1/4\$ ,  \$2/4\$  and  \$3/4\$  of a length, shape, set of objects or quantity](#)

Mathematics Year 2: (2F1b) [Write simple fractions for example,  \$1/2\$  of  \$6 = 3\$](#)

### Differentiation:

Questions 1, 4 and 7 (Varied Fluency)

**Developing** Complete the missing numbers in a function machine by finding half of the given numbers. Pictorial support provided with the use of a dividing line.

**Expected** Complete the missing numbers in a function machine by finding half of the given numbers. Some pictorial support provided.

**Greater Depth** Complete the missing numbers in a function machine by finding half of the given numbers. No pictorial support provided.

Questions 2, 5 and 8 (Varied Fluency)

**Developing** Match the whole numbers to their halves. Pictorial support provided with the use of a dividing line.

**Expected** Match the whole numbers to their halves. Some pictorial support provided.

**Greater Depth** Match the whole numbers to their halves. No pictorial support provided.

Questions 3, 6 and 9 (Reasoning and Problem Solving)

**Developing** Work out what clothes can be bought with a given amount by finding half of the total prices. Pictorial support provided.

**Expected** Work out what clothes can be bought with a given amount by finding half of the total prices.

**Greater Depth** Work out which 3 items of clothes can be bought with a given amount by finding half of the total prices.

More [Year 2 Fractions](#) resources.

Did you like this resource? Don't forget to [review](#) it on our website.

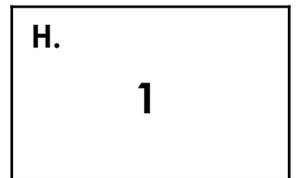
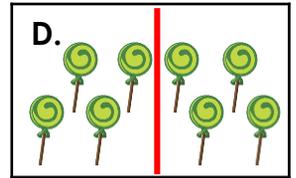
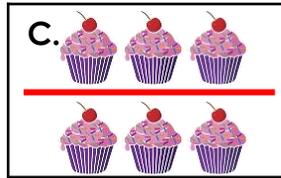
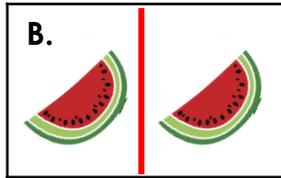
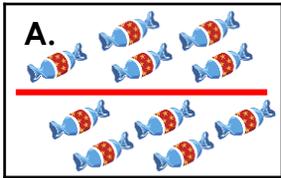
# Find a Half

1. Complete the missing numbers.



VF  
HW/Ext

2. Match the whole number to its half.



VF  
HW/Ext

3. Polly has £5 to spend. Which of these items can she afford in the half price sale? Explain your answer.

**Half Price Sale**

~~£10~~  
T-shirt

~~£12~~  
jacket

~~£6~~  
shorts



RPS  
HW/Ext

# Find a Half

4. Complete the missing numbers.

→  
 →  
 →  
 →

→   
 →   
 →   
 →



VF  
HW/Ext

5. Match the whole number to its half.

A.

B.

18

C.

D.

10

E.

5

F.

50

G.

9

H.

12



VF  
HW/Ext

6. Daisy has £10 to spend. Which of these items can she afford in the half price sale? Explain your answer.



~~£20~~  
dress



~~£26~~  
jacket



~~£18~~  
jumper



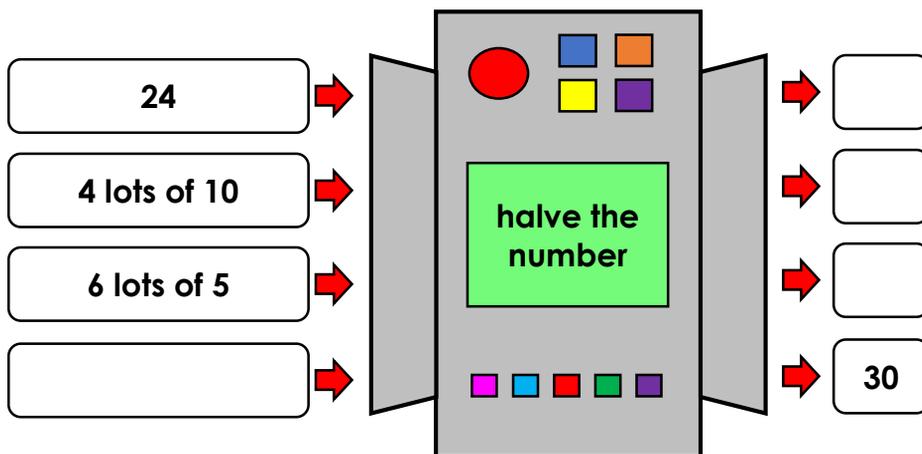
Prove it.



RPS  
HW/Ext

# Find a Half

7. Complete the missing numbers.



VF  
HW/Ext

8. Match the whole number to its half.

A.  
6 lots of 10

B.  
50

C.  
32

D.  
8 lots of 2

E.  
8

F.  
30

G.  
16

H.  
25



VF  
HW/Ext

9. Hanif buy 3 items from the half price sale. He spends between £35 and £40. Which items did he buy? Explain your answer.

Half Price Sale

~~£16~~  
scarf

~~£22~~  
hat & gloves

~~£40~~  
jacket

~~£28~~  
jumper



RPS  
HW/Ext

# Homework/Extension

## Find a Half

### Developing

1.  $4 = 2$ ;  $12 = 6$ ;  $8 = 4$
2.  $A = G$ ;  $B = H$ ;  $C = E$ ;  $D = F$
3. Polly can buy the t-shirt because half of £10 is £5; or the shorts because half of £6 is £3. She cannot buy the jacket because half of £12 is £6 so she does not have enough money.

### Expected

4.  $60 = 30$ ;  $20 = 10$ ;  $40 = 20$ ;  $70 = 35$
5.  $A = F$ ;  $B = G$ ;  $C = H$ ;  $D = E$
6. Daisy can buy the dress because half of £20 is £10; or the jumper because half of £18 is £9. She cannot buy the jacket because half of £26 is £13 so she does not have enough money.

### Greater Depth

7.  $24 = 12$ ;  $40 = 20$ ;  $30 = 15$ ;  $60 = 30$
8.  $A = F$ ;  $B = H$ ;  $C = G$ ;  $D = E$
9. Hanif bought the hat and gloves, scarf and jacket because: For the scarf, half of £16 is £8; the jacket because half of £40 is £20; and the hat and gloves because half of £22 is £11.  $£8 + £20 + £11 = £39$ .