









Doubles and halves

Sheet 1

Draw the number of cubes in the box to create the double. Write the double. Then write the half.

 Double 4 = <input type="text"/> = <input type="text"/> Half of <input type="text"/> 8 = <input type="text"/>	 Double 6 = <input type="text"/> = <input type="text"/> Half of <input type="text"/> = <input type="text"/>	 Double 8 = <input type="text"/> = <input type="text"/> Half of <input type="text"/> = <input type="text"/>	 Double 5 = <input type="text"/> = <input type="text"/> Half of <input type="text"/> = <input type="text"/>
 Double 7 = <input type="text"/> = <input type="text"/> Half of <input type="text"/> = <input type="text"/>	 Double 11 = <input type="text"/> = <input type="text"/> Half of <input type="text"/> = <input type="text"/>	 Double 13 = <input type="text"/> = <input type="text"/> Half of <input type="text"/> = <input type="text"/>	 Double 15 = <input type="text"/> = <input type="text"/> Half of <input type="text"/> = <input type="text"/>

Challenge

Double is 18 Half of is 12 Double is 20

A ladybird has 7 spots on one of its wings. How many spots are there in total on both wings?

Doubles and halves

Sheet 2

Complete each sentence.

a) Half of 12 = Double = 12

b) Half of 16 = Double = 16

c) Half of 8 = Double = 8

d) Half of 18 = Double = 18

e) Half of 14 = Double = 14

f) Half of 20 = Double = 20

g) Half of 24 = Double = 24

h) Half of 30 = i) Half of 22 =

j) Half of 28 =

k) Half of 26 =

l) Half of 0 =

Double = 30

Double = 22

Double = 28

Double = 26

Double = 0

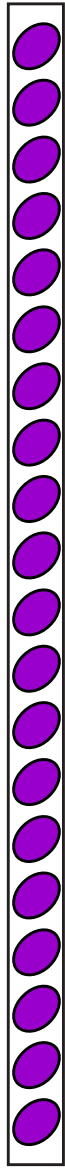
Challenge

Half of = 15

Double = 28

Half of = 16

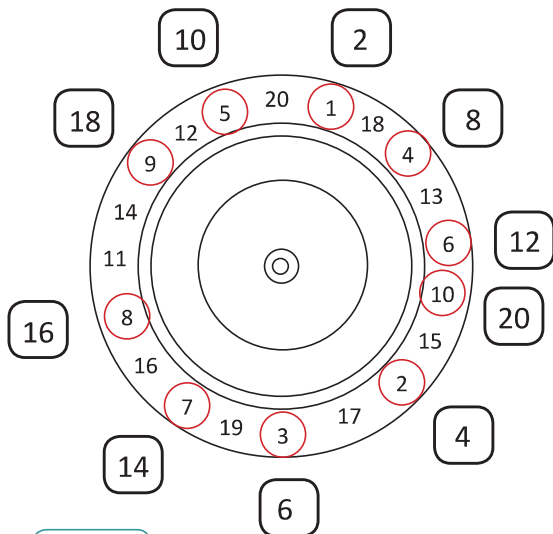
Double = 38



Multiplication and division

Answers

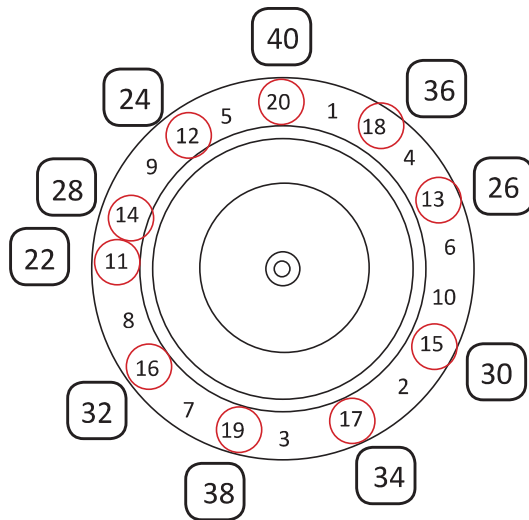
Day 1 Multiplication and division Sheet 1



Challenge

The children should create a chain of numbers which starts:
 $1 \times 2 = 2 + 1 = 3 \times 2 = 6 + 1 = 7 \times 2 = 14 + 1 = 15 \times 2 = 30 \dots$

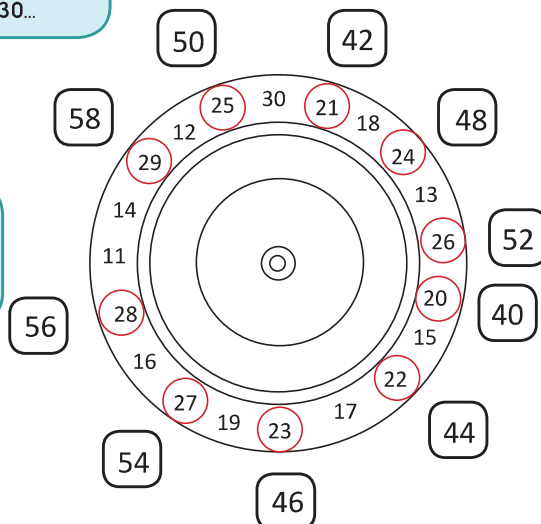
Day 1 Multiplication and division Sheet 2



Day 1 Multiplication and division Sheet 3

Challenge

The children should create a chain of numbers which starts:
 $2 \times 2 = 4 - 1 = 3 \times 2 = 6 - 1 = 5 \times 2 = 10 - 1 = 9 \times 2 = 18 - 1 = 17 \dots$



Day 2 Doubles and halves Sheet 1

Double 4 = 8	Double 6 = 12	Double 8 = 16	Double 5 = 10
Half of 8 = 4	Half of 12 = 6	Half of 16 = 8	Half of 10 = 5
Double 7 = 14	Double 11 = 22	Double 13 = 26	Double 15 = 30
Half of 14 = 7	Half of 22 = 11	Half of 26 = 13	Half of 30 = 15

Challenge

Double 9 = 18 Half of 24 = 12
 Double 10 = 20 Total spots of ladybird wings = 14

Multiplication and Division

Answers

Day 2 Doubles and halves Sheet 2

a) Half of 12 = 6 Double 6 = 12

b) Half of 16 = 8 Double 8 = 16

c) Half of 8 = 4 Double 4 = 8

d) Half of 18 = 9 Double 9 = 18

e) Half of 14 = 7 Double 7 = 14

f) Half of 20 = 10 Double 10 = 20

g) Half of 24 = 12 Double 12 = 24

h) Half of 30 = 15 Double 15 = 30

i) Half of 22 = 11 Double 11 = 22

j) Half of 28 = 14 Double 14 = 28

k) Half of 26 = 13 Double 13 = 26

l) Half of 0 = 0 Double 0 = 0

Challenge

Half of 30 = 15 Double 14 = 28

Half of 32 = 16 Double 19 = 38

Day 3 The cake sale Sheet 1

4p

8p

6p

2p

10p

20p

2p

4p

3p

1p

5p

10p

10p

16p

12p

14p

18p

20p

5p

8p

6p

7p

9p

10p

22p

26p

32p

28p

30p

36p

11p

13p

16p

14p

15p

18p

Challenge

32 gives the longest chain:

32 16 8 4 2 1