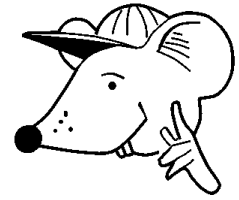


MATHEMATICS



Y2 Multiplication and Division 2310

Derive doubles and halves quickly.

Equipment

Paper, pencil.
Dominoes, dice etc useful.

MathSphere

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Concepts

By the end of year 2, children will be expected to understand and begin to read and write a variety of terms associated with doubling and halving, including:

Double, twice, half, halve, divide by two, divide into two.
They should also understand that $\frac{1}{2}$ means a half.

It will be expected that children will be able to recall the doubles of numbers up to 20 and the corresponding halves.

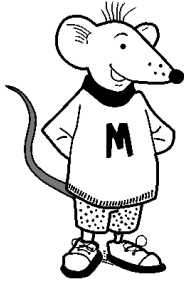
Doubling and halving - oral questions

Ask questions such as those below on a frequent basis. The answers could be oral, or the child may hold up a card with the number on it.

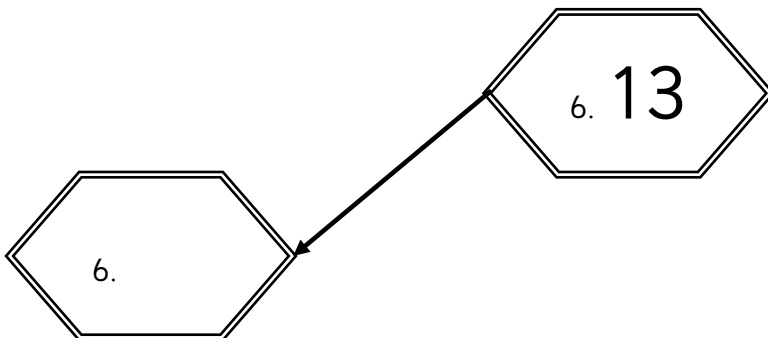
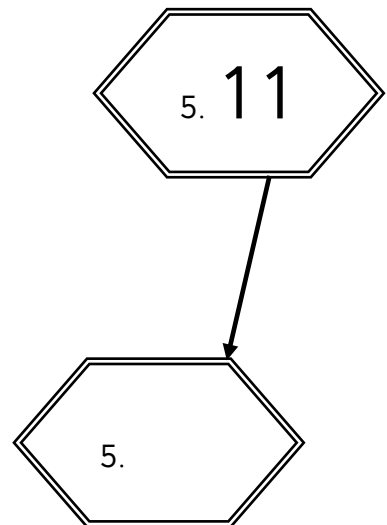
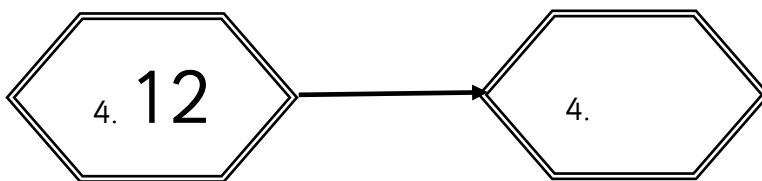
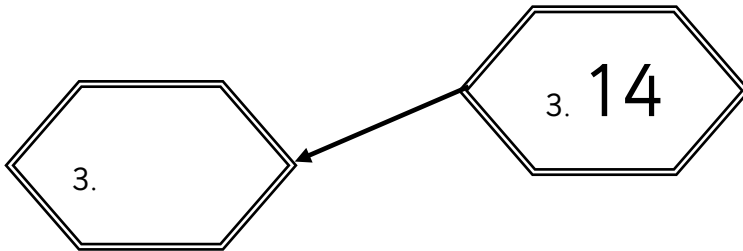
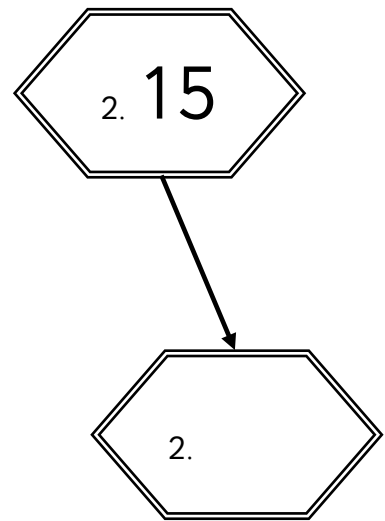
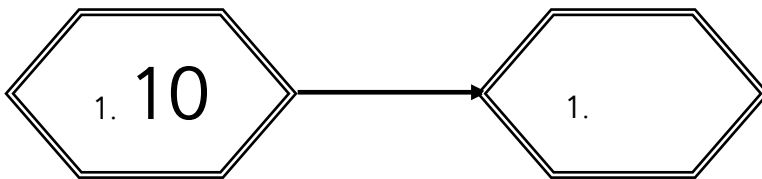
1. Double 15.
2. What are two twenty fives?
3. One bar of chocolate cost 35p. What would two bars cost?
4. What is twice 16 ?
5. What is twice 50 ?
6. What is half of 14 ?
7. $\frac{1}{2}$ of 18 ?
8. Jane spent half of her 90p pocket money. How much did she spend?
9. Two mugs cost £20. What would one mug cost?
10. Divide 40 in half.
11. Divide 50 by two.
12. Divide 14 into two.

These type of oral questions can be constantly repeated, using the same terms with different numbers.

Doubles



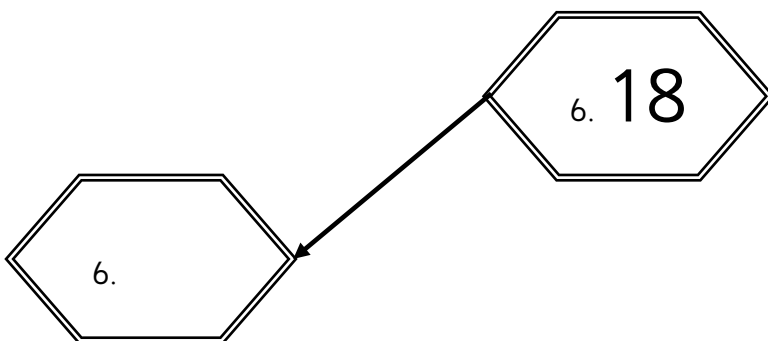
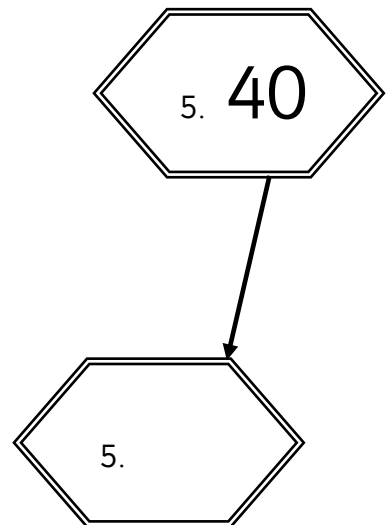
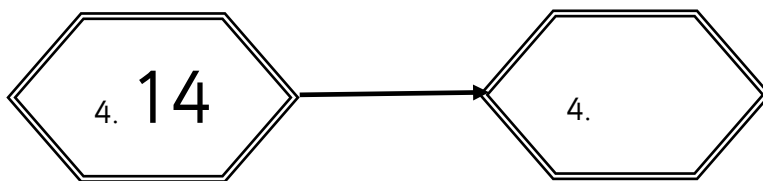
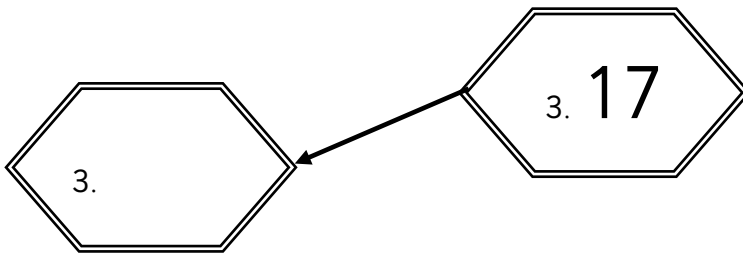
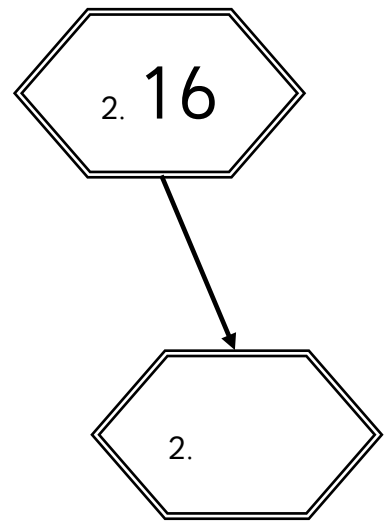
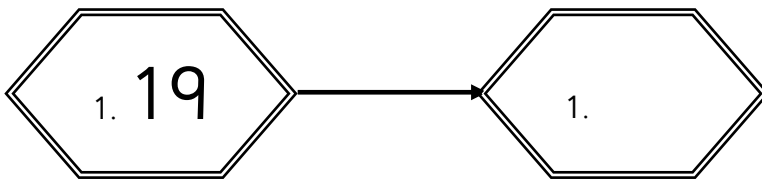
Hello! Hello!
Try doubling these numbers.
Write your answers in the empty
boxes.



Doubles

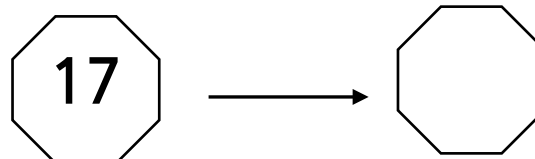
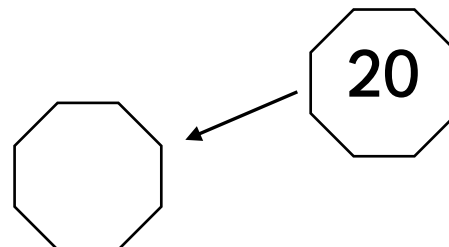
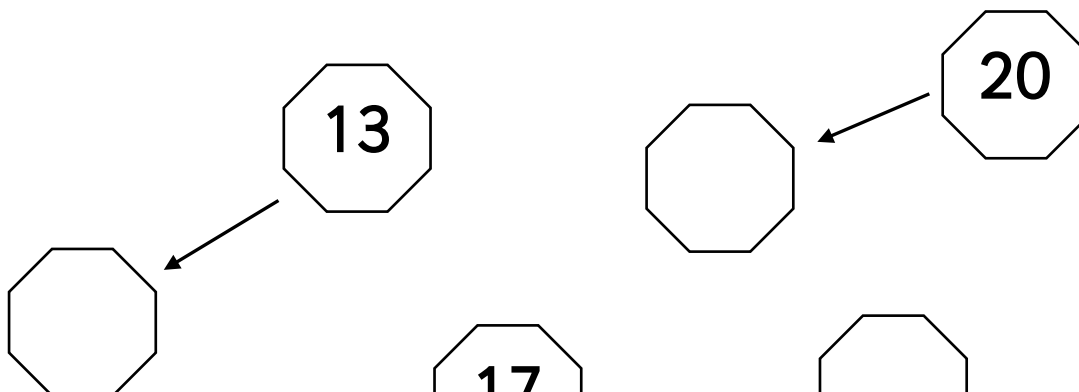
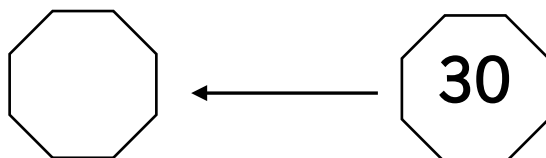
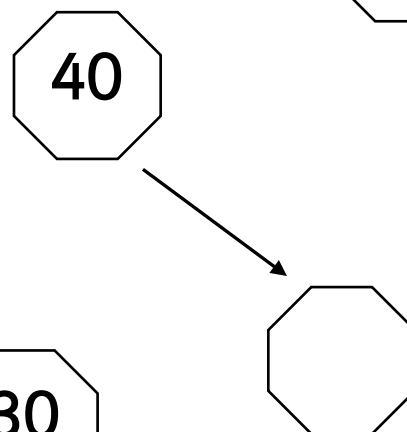
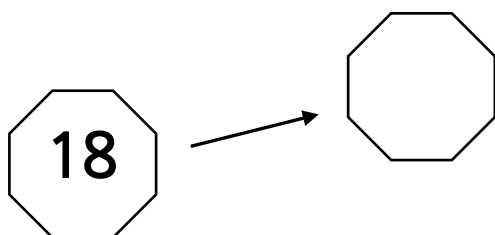
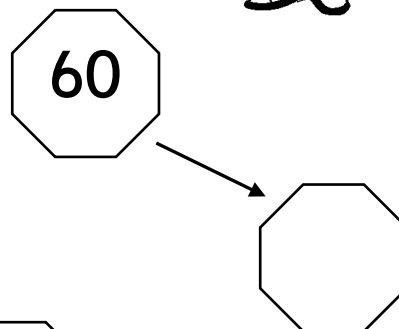
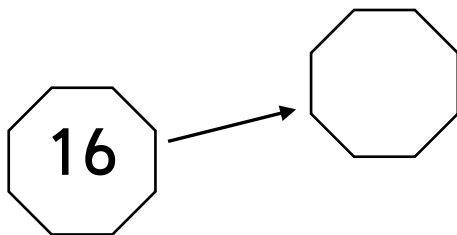
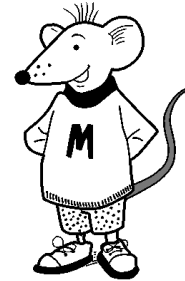


Hello! Hello!
Try doubling these numbers.
Write your answers in the empty
boxes.



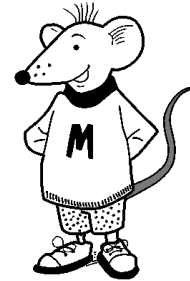
Doubling

Double these numbers.
Put the answers in the
boxes.

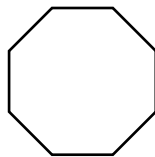


Doubling

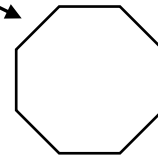
Try doubling these in your head.
Pretty tricky!!



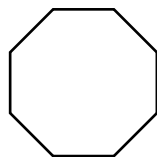
14



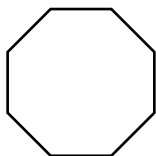
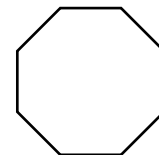
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30

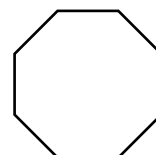


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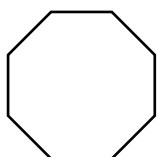


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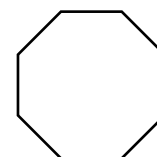
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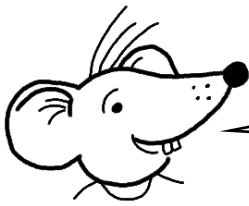


17



19



Doubling

See how quickly you can do all these!

Take care, don't rush.

1. $15 + 15 =$

2. $18 + 18 =$

3. $16 \times 2 =$

4. $2 \times 25 =$

5. $24 +$ $= 48$

6. $35 +$ $= 70$

7. $50 +$ $= 100$

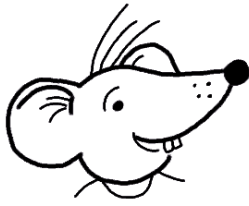
8. $45 +$ $= 90$

9. $\times 2 = 26$

10. $\times 2 = 30$

11. $\times 2 = 38$

12. $\times 2 = 24$

Doubling

Try to work out the answers to these. You need to think, 'double'.

1. $16 + 16 =$

2. $19 + 19 =$

3. $14 \times 2 =$

4. $2 \times 15 =$

5. $17 +$ $= 34$

6. $18 +$ $= 36$

7. $60 +$ $= 120$

8. $15 +$ $= 30$

9. $\times 2 = 26$

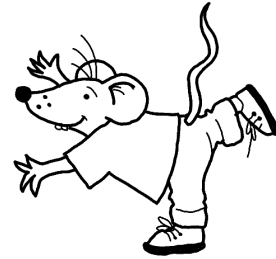
10. $\times 2 = 34$

11. $\times 2 = 40$

12. $\times 2 = 18$

Halving

Halve these numbers.
Put the answers in the
boxes.



1. half of 24



2. half of 12



3. half of 16



4. half of 22



5. half of 14



6. half of 26



7. half of 18



8. half of 20



Halving - extension

Halve these numbers.
They are quite hard!



1. half of 18



2. half of 28



3. half of 34



4. half of 40



5. half of 36



6. half of 28



7. half of 32



8. half of 50



Answers**Page 3**

1. 30 2. 50 3. 70p 4. 32 5. 100 6. 7
7. 9 8. 45p 9. £10 10. 20 11. 25 12. 7

Page 4

1. 20 2. 30 3. 28 4. 24 5. 22 6. 26

Page 5

1. 38 2. 32 3. 34 4. 28 5. 80 6. 36

Page 6

32 120 36 80 60 26 40 34

Page 7

28 120 60 80 30 34 140 38

Page 8

1. 30 2. 36 3. 32 4. 50 5. 24 6. 35
7. 50 8. 45 9. 13 10. 15 11. 19 12. 12

Page 9

1. 32 2. 38 3. 28 4. 30 5. 17 6. 18
7. 60 8. 15 9. 13 10. 17 11. 20 12. 9

Page 10

1. 12 2. 6 3. 8 4. 11 5. 7 6. 13 7. 9 8. 10

Page 11

1. 9 2. 14 3. 17 4. 20 5. 18 6. 14 7. 16 8. 25