Factors

1. Draw lines to match the factor pairs of 16. Which pair is the odd one out?

4	6
3	8
2	4

2. True or false? All of these numbers are factors of 22.

4	1	22
2	6	11

3. Circle the numbers that are NOT factors of 14.

7 1 4 6 14 2

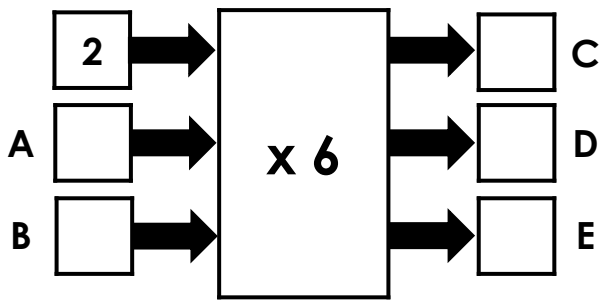
4. Complete the missing factors of 27.

1			27

5. Complete the square using factor pairs for each number in the shaded boxes.

		42
4		24
28	36	

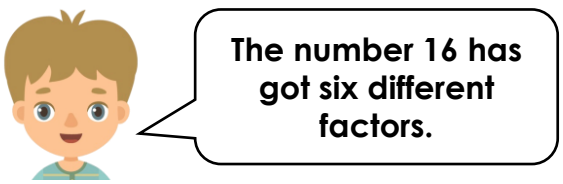
6. Three factors are put into the machine below. Use the clues to work out what the missing factors and products could be.



D is double C.
B is an odd number.
E is bigger than D but smaller than 40.

7. Class 5 have been finding factors.

Tommy says,



Is he correct? Prove it.

Year 5 Factors – Guidance for Parents

Activity:

The aim of this activity is for children to practise recognising and using factors. There are a number of questions to complete. The first three questions allow children to practise the skill, while the next three questions extend them as they have to apply their learning to get the answer.

Vocabulary:

A **factor** is one of two or more numbers that can be multiplied together to give a number. For example, the factors of 12 are; 1, 2, 3, 4 and 6.

A **product** is the answer when two numbers are multiplied together.

Supporting resources:

You can watch a video tutorial about factors on **kids.classroomsecrets.co.uk >> Year 5 >> Maths >> Place Value >> Video Tutorials**.

You can watch the answer explanation video which takes children through this activity and ways to answer it on **https://www.youtube.com/user/ClassroomSecretsLtd/ playlists >> Year 5 Playlist >> Factors Answer Explanation.**

Other resources:

If your child enjoyed this activity and wants to try more activities linked to this learning, you can sign up for £4.83 per month on **classroomsecrets.co.uk/membership**.

Check out our daily timetable for Year 5 home learning activities on kids.classroomsecrets.co.uk >> Home Learning Timetable.

Factors

1. (2, 8), (4, 4)
The odd one out is (3, 6).
2. False – 4 and 6 are not factors of 22.
3. 4 and 6
4. 3 and 9
5.

7	6	42
4	6	24
28	36	

6. A = 4, B = 5, C = 12, D = 24, E = 30
7. Tommy is incorrect. 16 has got 5 different factors: 1, 2, 4, 8 and 16