MATHSFRAME.co.uk

Identify factors, including finding all factor pairs of a number, and common factors of two numbers

1

The factor pairs of 15 are:

1 and 15

3 and 5

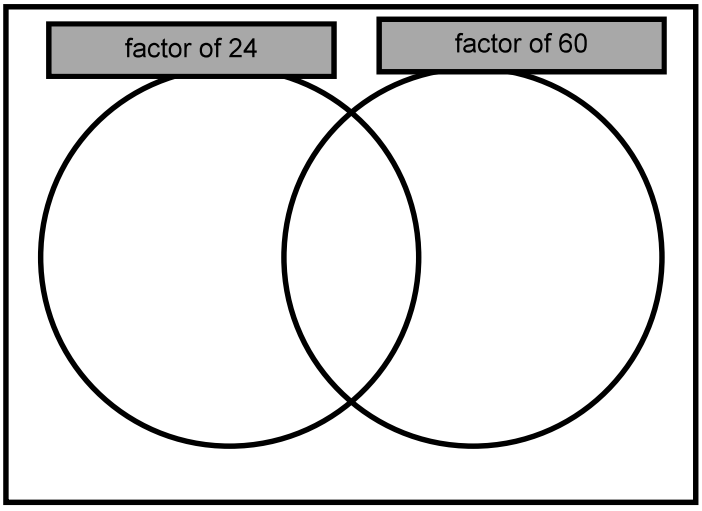
Write all the factor pairs of 20:

____ and ____

____ and ____

____ and ____

2



Write each of these numbers in its correct place on the Venn diagram.

4 20 12 8

14 15 7 10

3

Write **all** the numbers that are a factor of 18 **and** a factor of 30.

4

Write **all** the numbers between 50 and 100 that are **factors of 360**.

5

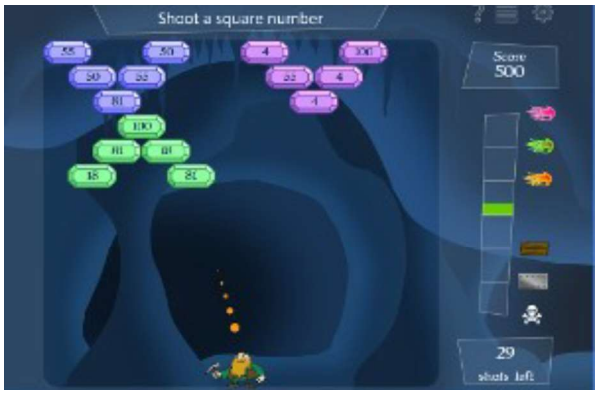
The number **40** has **eight factors.** (1, 2, 4, 5, 8,10, 20, 40)

Write another number **less than 50** that has **eight factors.**

MATHSFRAME.CO.UK

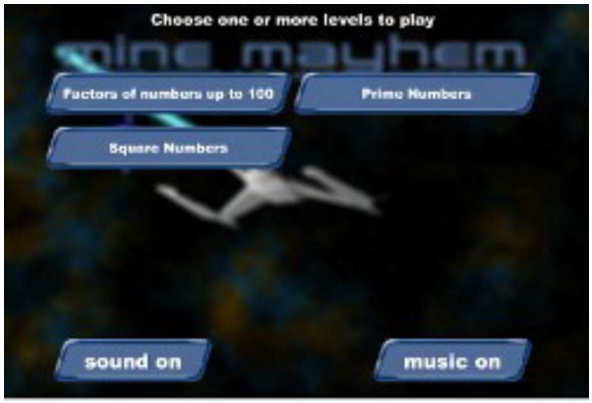
Identify factors, including finding all factor pairs of a number, and common factors of two numbers

Useful interactive games to teach factors.



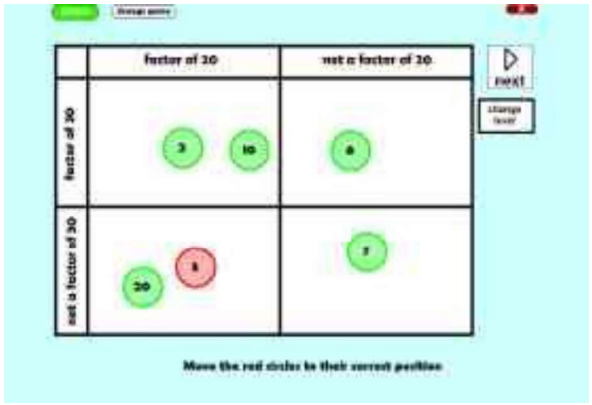
http://mathsframe.co.uk/en/resources/resource/279/Multiples_Factors_Prime_Square_Cube

Throw the pickaxe at the factors of a given number. Also available for iPad and Android.



http://mathsframe.co.uk/en/resources/resource/287/Mine_Mayhem_Factors_Square_Prime_Numbers

Shoot the mine with the factors of a given. Also available for iPad and Android.



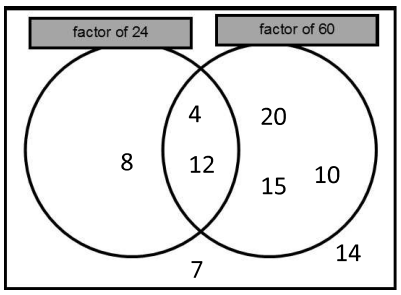
http://mathsframe.co.uk/en/resources/resource/27/finding_factors

Find the factors of either one or two numbers and organise them on a Carroll diagram.

Answers:

1) 1 and 20, 2 and 10, 4 and 5

2)



3) 1,2,3,6 4)60 and 90 5) 30 or 32