



Class 5 Home Learning

WEDNESDAY 17TH NOVEMBER 2021

Maths

Please practise your 3, 4 and 5 times tables.

Today we will be focusing on common factors.

Follow the slides to complete your maths activity.

True or False ?

Common factors

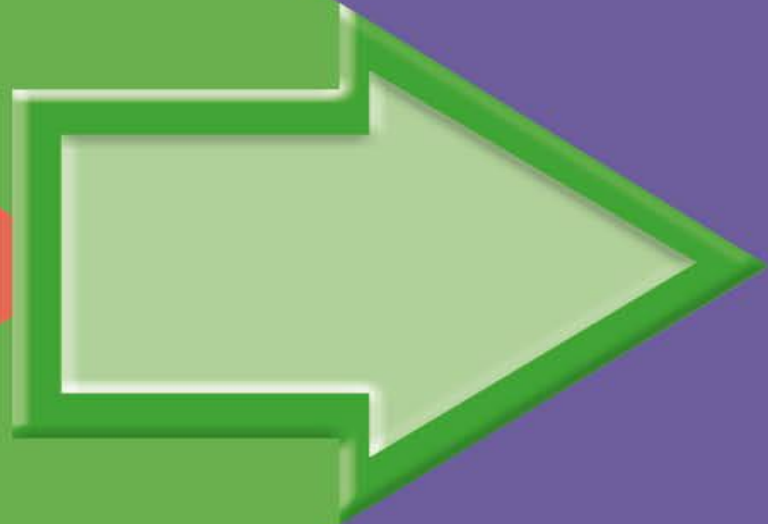
5 is a common factor of 235 and 9,840

True

If a number ends in 5 or 0,
it is a multiple of 5

So 5 is a common factor of 235 and 9,840

COMMON FACTORS



GET READY



1) List the factors of 36

2) Which number is not a factor of 14?

1 4 7 14

3) What fraction of the multiples of 7 are odd?

Less than half Half More than half

4) 64 _____ 48 _____ 32

1) List the factors of 36

1, 2, 3, 4, 6, 9, 12, 18, 36

2) Which number is not a factor of 14?

1 4 7 14

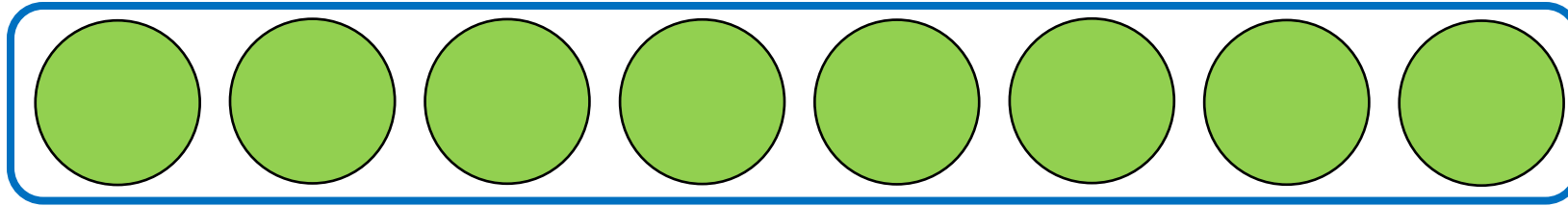
3) What fraction of the multiples of 7 are odd?

Less than half Half More than half

4) 64 56 48 40 32

LET'S LEARN





1 row of 8 is equal to 8 **1 and 8 are factors of 8**

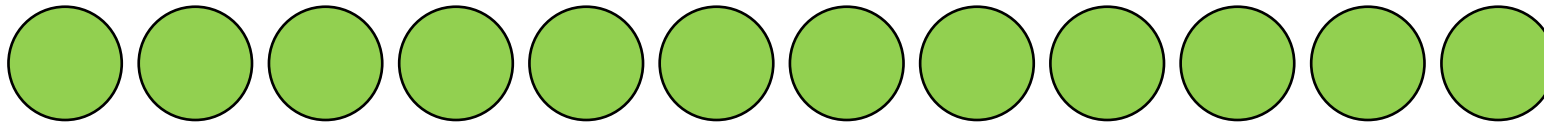


Have a think



2 rows of 4 are equal to 8 **2 and 4 are factors of 8**

The factors of 8 are: 1, 2, 4 and 8



Have a think



The factors of 12 are: 1, 2, 3, 4, 6 and 12

The factors of 8 are: 1, 2, 4 and 8

1, 2 and 4 are factors of 12 and 8

1, 2 and 4 are common factors of 12 and 8



Whitney and Dexter both have dark hair.



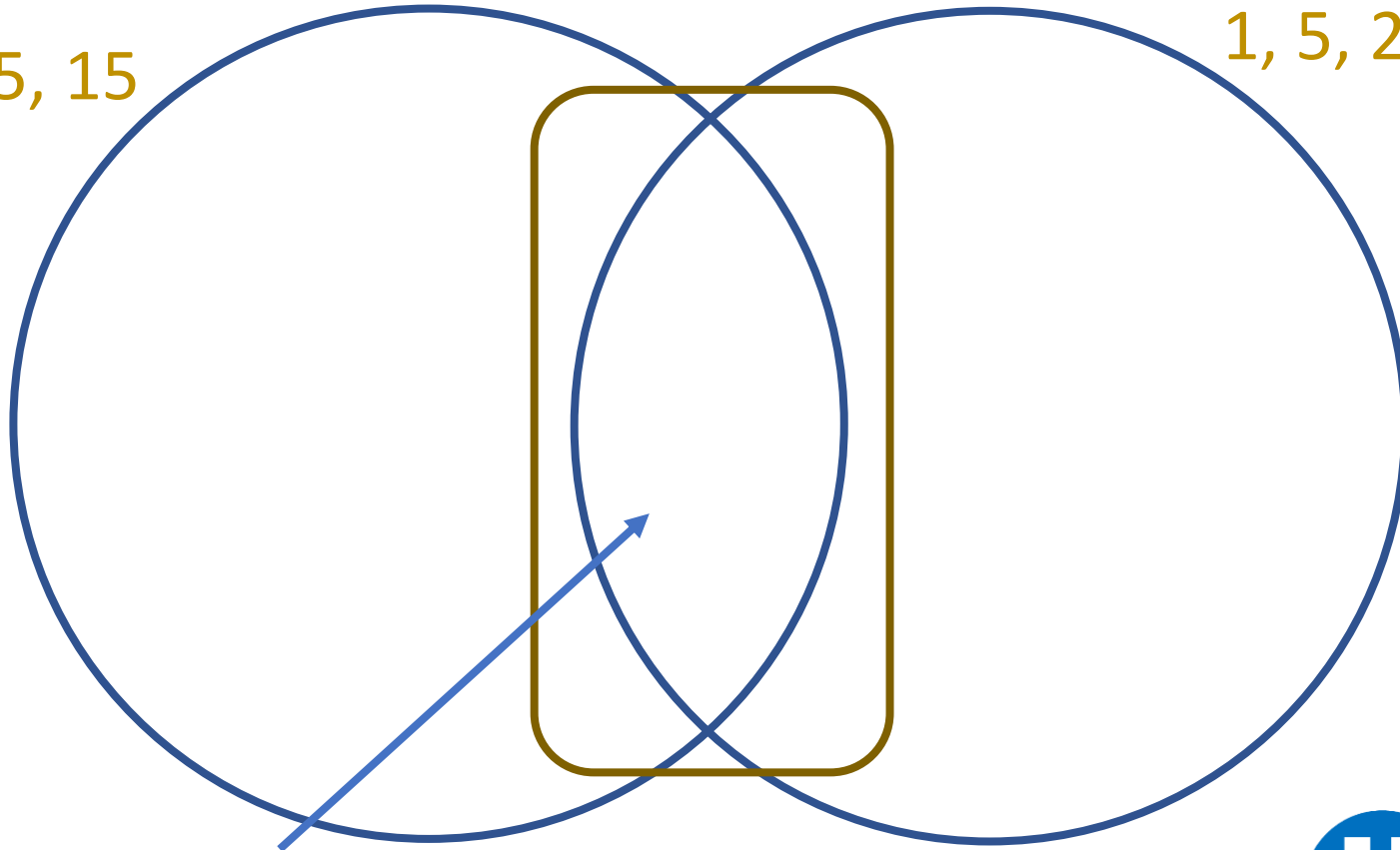
They have dark hair in common.

Factors of 15

1, 3, 5, 15

Factors of 25

1, 5, 25



Common factors of 15 and 25

1 2 3 5 15 25

Have a think



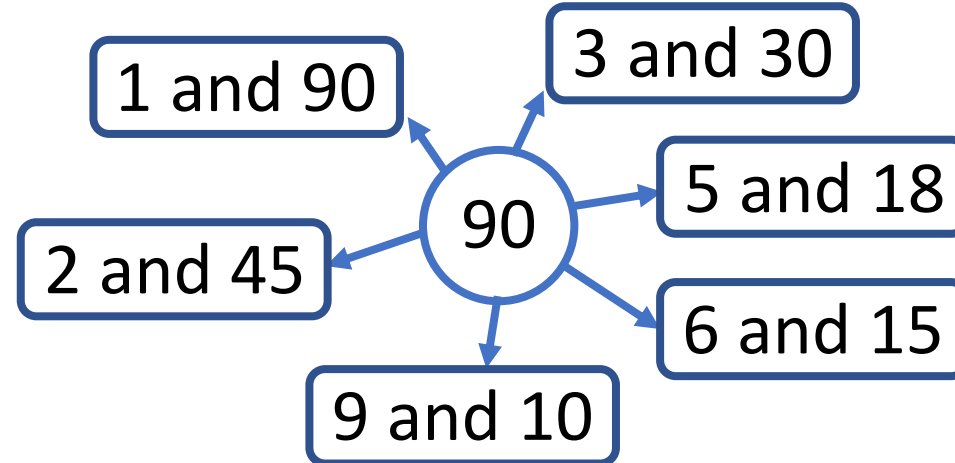
What is the highest common factor of 27 and 90?

9

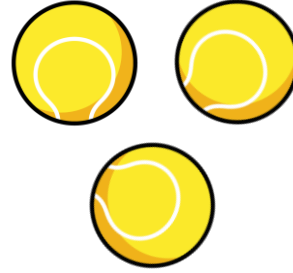
The factors of 27 are 1, 3, 9 and 27

The factors of 90 are
1, 2, 3, 5, 6, 9, 10, 15, 18, 30, 45 and 90

Have a think



Rosie has 14 tennis balls.
Amir has 24 tennis balls.



Ball containers can hold 2, 4, 8 or 10 balls.

Each child wants to buy containers all of the same size and to have only full containers.

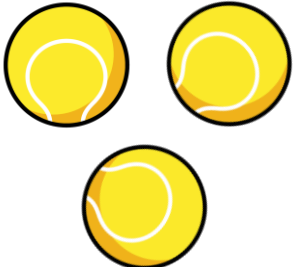
Have a think



1) Which container size could both Amir and Rosie use? _____

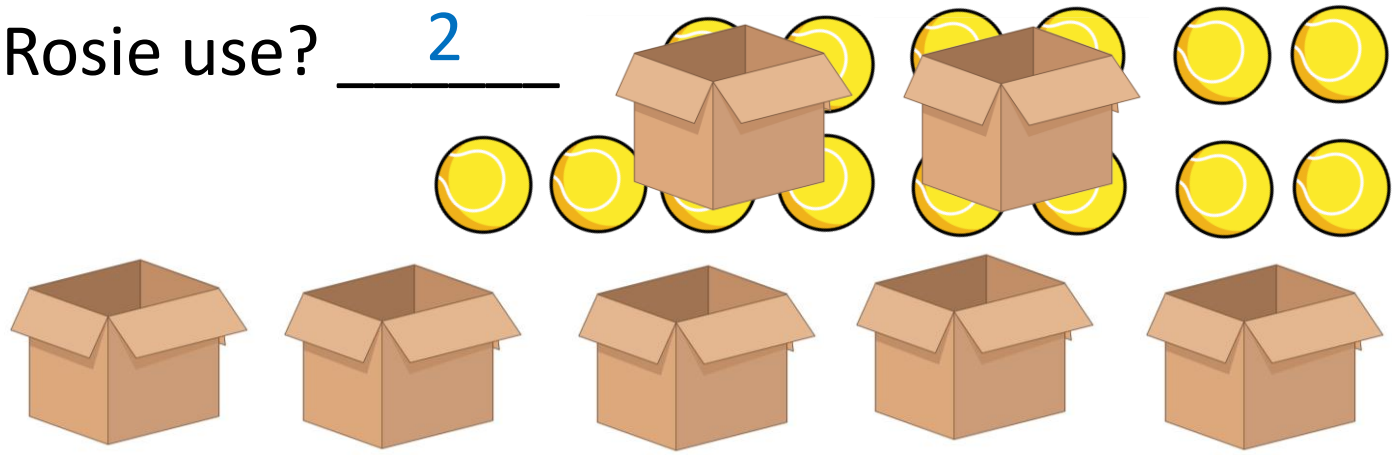
2) Which container size could neither Amir nor Rosie use? _____

Rosie has 14 tennis balls.
Amir has 24 tennis balls.

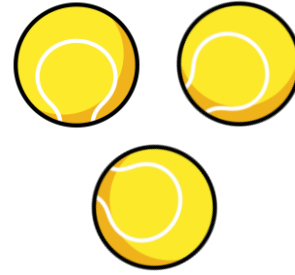


Ball containers can hold 2, 4, 8 or 10 balls.
Each child wants to buy containers all of the same size and to have only full containers.

1) Which container size could both Amir and Rosie use? 2



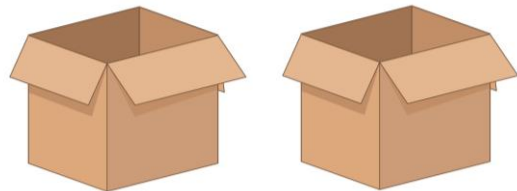
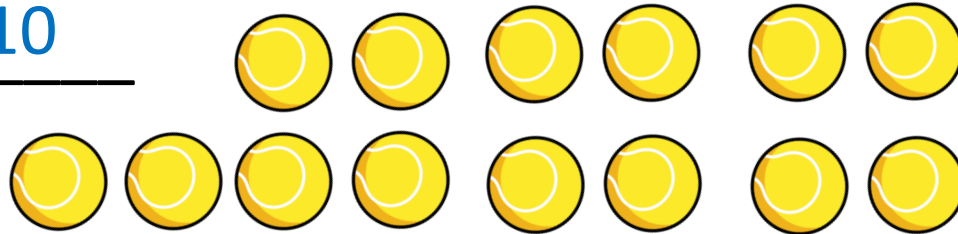
Rosie has 14 tennis balls.
Amir has 24 tennis balls.



Ball containers can hold 2, 4, 8 or 10 balls.

Each child wants to buy containers all of the same size and to have only full containers.

2) Which container size could neither Amir nor Rosie use? 10



Choose at least 3 activities from one of the slides below to complete on paper. There are 9 questions and each is a bit harder than the one before.

Remember that you can start from whichever question you like and can move on if you want more of a challenge.

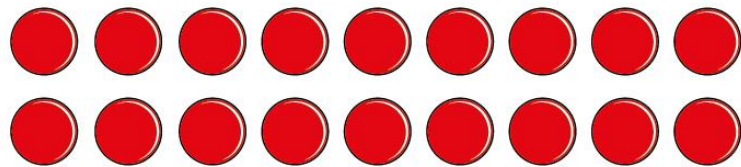
Common factors

- 1 Kim is using counters to find factors of 18

She arranges the counters in one row.



Then she arranges the counters in two rows.



- 1 a) Kim's array shows four numbers that are factors of 18
Which numbers are they?

--	--	--	--

- b) What are the two other factors of 18?

--	--

- c) Use counters to find the factors of 27

List the factors of 27



- 1 d) List the common factors of 18 and 27

Why are these numbers common factors?



2

Complete the sentences.

a) The factors of 24 are _____

The factors of 36 are _____

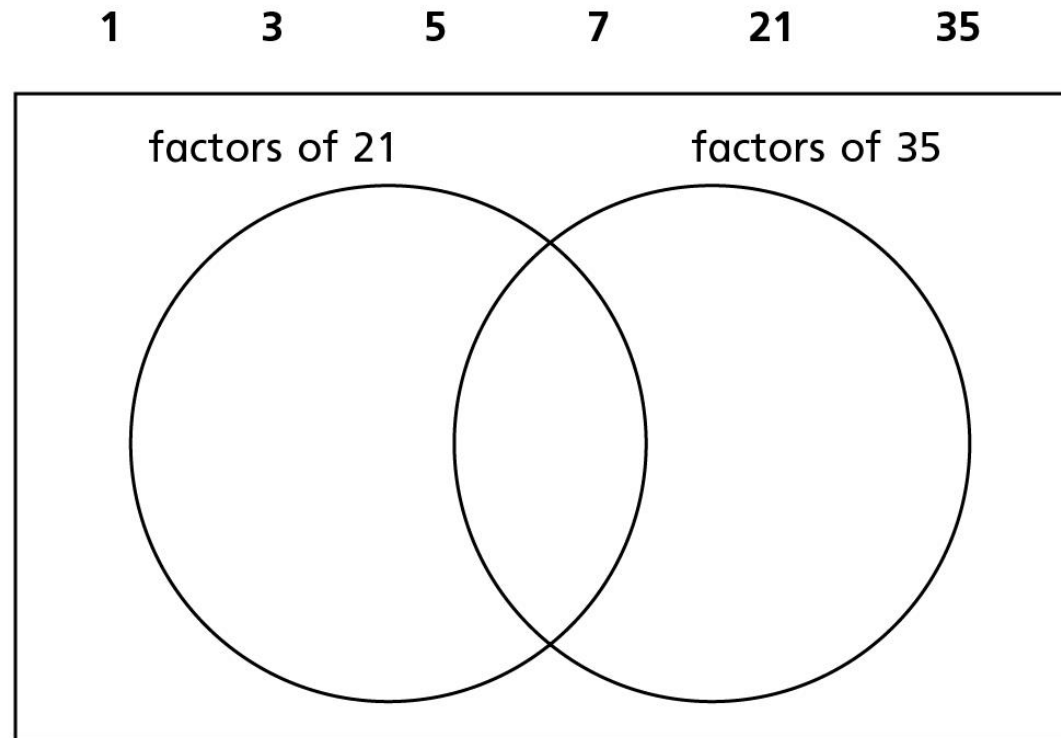
The common factors of 24 and 36 are _____

b) The factors of 30 are _____

The factors of 45 are _____

The common factors of 30 and 45 are _____

- 3** a) Write the numbers on the diagram.



- b) What are the common factors of 21 and 35?
-

- 3 c) How does the Venn diagram help you to list the common factors?



4 List the common factors of each pair of numbers.

a)

15

20

b)

9

10

- 5 Circle the pairs of numbers that have only one common factor.

2 and 6

3 and 8

15 and 12

9 and 11

49 and 21

15 and 22

What do you notice?



6



All the factors
of 36 are common factors
of 36 and 72

Do you agree with Mo? _____

Explain your reasoning.

Why do you think this happens?





- 7** a) List the factors of 60 in order from lowest to highest.

- b) List the factors of 84 in order from smallest to greatest.

- c) What is the highest common factor of 60 and 84?

8

Whitney bakes 24 cakes.

Dexter bakes 30 cakes.

Boxes can hold 2, 3, 4, 5, 6 or 10 cakes.

Whitney and Dexter want to share their cakes equally into boxes.



a) Which boxes could Whitney use?

b) Which boxes could Dexter use?

c) Which boxes could they both use?

Compare answers with a partner.



9



I am thinking of two numbers between 70 and 80.
The common factors are 1, 2, 4 and 8

What are the two numbers that Teddy is thinking of?

 and 

English

Today's focus is using exciting vocabulary in our writing. We are looking at characters and settings and thinking about what words we can include that make our descriptions sound exciting.

Your task today is to write a description of a character and a setting using some of these words. You can use characters and places you already know or be creative and make up your own!

amiable
charming
delightful
good natured
likable
nice
pleasant

disagreeable
horrible
insufferable
loathsome
nasty
obnoxious
unpleasant

attractive
beautiful
exquisite
gorgeous
handsome
stunning
winsome

grotesque
hideous
repugnant
repulsive
revolting
ugly
vile

audacious
bold
brave
courageous
fearless
plucky
valiant

almighty
big
enormous
gargantuan
gigantic
humongous
massive

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delighted
ecstatic
elated
euphoric
happy
overjoyed
thrilled

crestfallen
dejected
depressed
despondent
heartbroken
miserable
sad

angry
annoyed
fuming
furious
incensed
livid
outraged
afraid
frightened
panic-stricken
petrified
scared witless
terrified
terror-stricken

anxious
apprehensive
jittery
nervous
tense
uneasy
worried
certain
confident
convinced
in no doubt
optimistic
positive
sanguine

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P.E.

This half term we are working on our gymnastic skills and using different static balances in P.E. Make sure to complete the warm up exercise before attempting any exercise so that you don't damage your muscles. Check that you have enough space around to move safely and that you have a soft surface to work on. Each week we do a skills session and an active session.

Today your challenge is to be active for at least 30 mins! You could use a Joe Wicks workout from YouTube, play a game in the garden, dance along to music or even complete some yoga.