Home Learning Pack

YEAR 1

PrimaryStars
EDUCATION

What is this Home Learning Pack for?

Due to the Coronavirus, schools are closed / may risk closing in the near future. Here at Primary Stars Education we want to ensure that your children can keep learning while they are at home and that you are prepared in these unpredictable times.

How do I teach this pack?

There is no requirement to have specific curricular knowledge. These packs cover content from previous lessons, therefore children should already have an understanding of the concepts.

What else can I use alongside this pack?

We have also provided free editable PowerPoint presentations that can be used interactively or printed out to work on. There are also many free downloadable resources on the internet for a range of subjects.

Government Guidance - Hygiene for children

e-Bug resources are recommended by the National Institute of Clinical Excellence to teach pupils about hygiene. Useful key sections are:

1. KS1: Horrid Hands and Super Sneezes
Horrid hands
Super sneezes

2. KS2: Hand Hygiene and Respiratory Hygiene
Hand hygiene
Respiratory hygiene

Place Value

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please do not print this page.

Tens and ones

Complete the tens and ones grids. The first one has been completed for you.

24	2 tens 4 ones	‖ ::

32		

50		

17		

36		

41		

19		

33		

	3 tens 9 ones	

		‖ ⁞

		‖‖‖ ⁞⁞

	1 ten 4 ones	

	2 tens 8 ones	

		‖‖‖ :·

Representing numbers to 50

Complete the grids for each number.

Numeral	Words	Draw it	Picture
35			
47			
29			
50			
31			
42			
38			

One more, one less

Find one more and one less than the given numbers.

a
42

− 1

+ 1

b
39

− 1

+ 1

c
30

− 1

+ 1

d
27

− 1

+ 1

e
49

− 1

+ 1

f
35

− 1
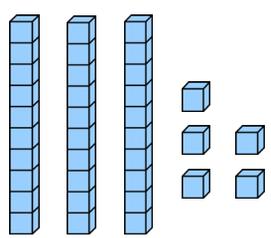
+ 1

Complete the tables by selecting numbers below 50.
Find one more and one less than the number. The first one has been done for you.

1 less	Number	1 more
33	34	35

1 less	Number	1 more

Compare numbers & objects within 50

Select two object cards. Compare the amounts using < , > or =.
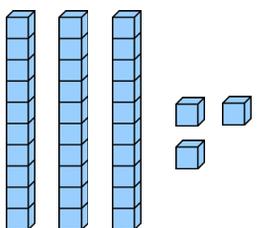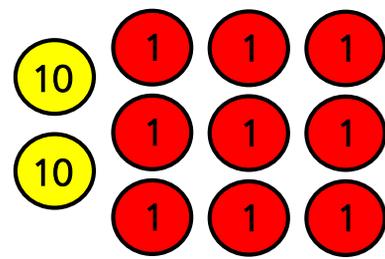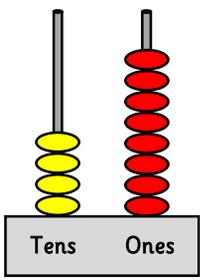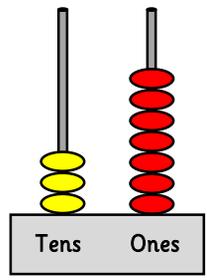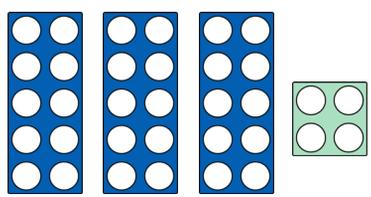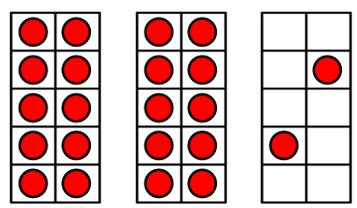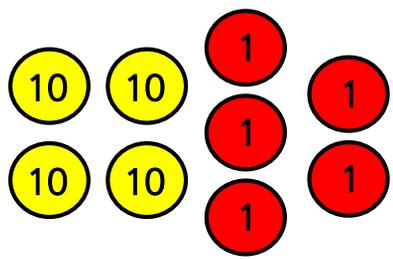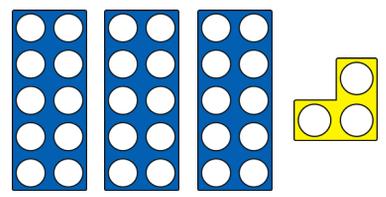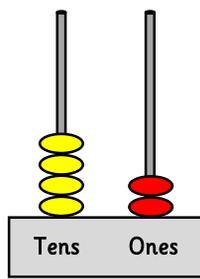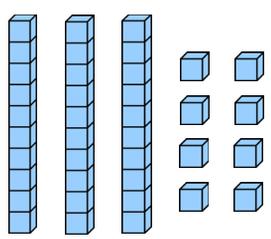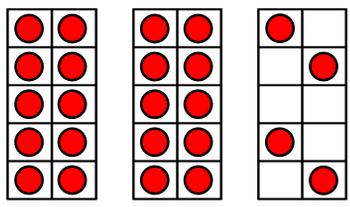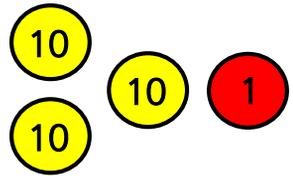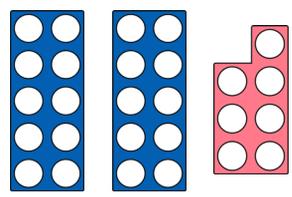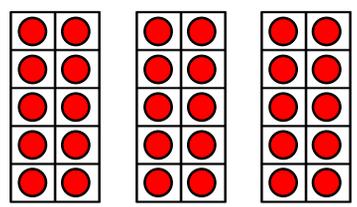
Numbers to 50

Cut out the numbers and place them face down then select a number.
Create a number using this as your starting number and write the next 8 numbers.

For example: 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 |

40	28	32
22	42	37
35	30	25
19	41	29

Challenge:

Repeat this but continue the number track by counting backwards.

Order numbers within 50

Cut out each set of numbers. Order from **smallest** to **greatest**.

42	23	15	43	24

47	45	50	46	40

13	31	2	30	20

Cut out each set of numbers. Order from **greatest** to **smallest**.

31	27	50	30	44

36	55	38	45	40

14	41	40	4	44

Challenge:

☆ Choose two numbers from each set and compare them using < , > or =.
☆ Can you compare three numbers them using < , > or =?

Addition & Subtraction

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please do not print this page.

Add by counting on

Use the number line to help you solve the following problems.

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20
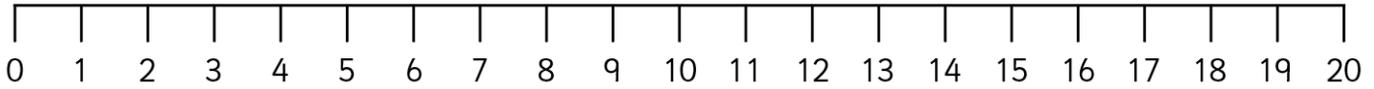
Start at 6. Count on 5. □ + □ = □	Start at 4. Count on 8. □ + □ = □	Start at 9. Count on 5. □ + □ = □
Start at 3. Count on 8. □ + □ = □	Start at 5. Count on 7. □ + □ = □	Start at 2. Count on 9. □ + □ = □
Start at 8. Count on 4. □ + □ = □	Start at 1. Count on 10. □ + □ = □	Start at 8. Count on 5. □ + □ = □
Start at 11. Count on 7. □ + □ = □	Start at 14. Count on 4. □ + □ = □	Start at 12. Count on 5. □ + □ = □
Start at 10. Count in 4. □ + □ = □	Start at 13. Count on 6. □ + □ = □	Start at 10. Count on 5. □ + □ = □

Add by making 10

Complete each calculation using the adding to make 10 method.
Use number frames to help you.

8 + 4	9 + 7	8 + 5
8 + 2 = 10 10 + 2 = 12		
6 + 7	2 + 13	3 + 8
8 + 6	4 + 12	9 + 3
6 + 11	7 + 8	5 + 14
9 + 4	5 + 11	8 + 9
2 + 9	7 + 5	4 + 14

Find and make number bonds

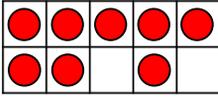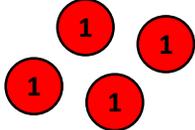Stick the calculations under the correct column. You may use equipment to help you.

Bonds that make 20	Bonds that do <u>NOT</u> make 20

9 + 11	13 + 7	16 + 4	16 + 5
20 + 0	3 + 17	13 + 8	6 + 13
14 + 5	8 + 13	12 + 8	12 + 6
5 + 15	18 + 3	4 + 15	7 + 14
7 + 13	6 + 15	2 + 18	17 + 3

Subtraction – not crossing 10

Stick a card to complete the calculation then solve it.

20 – [ ] = [ ]

20 – [ ] = [ ]

20 – [ ] = [ ]

20 – [ ] = [ ]

20 – [ ] = [ ]

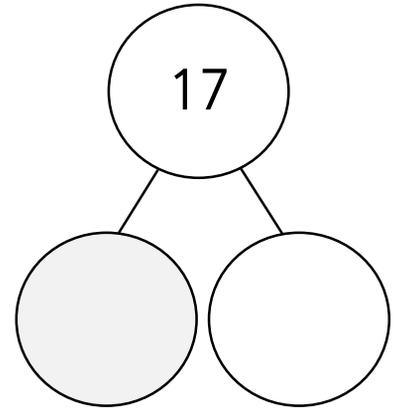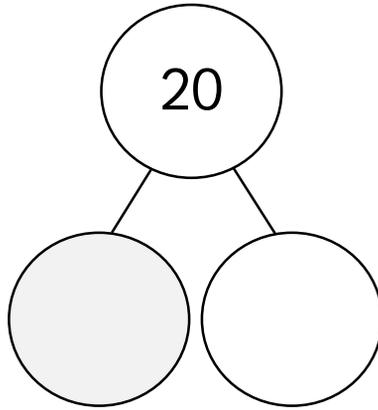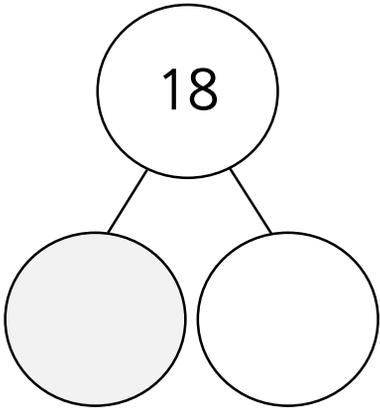20 – [ ] = [ ]

Subtraction – not crossing 10

Roll a dice and write the number shown in the grey part.
Use subtraction to help you find the other part. You may use equipment to help you.

18

20

17

19

16

19

17

20

18
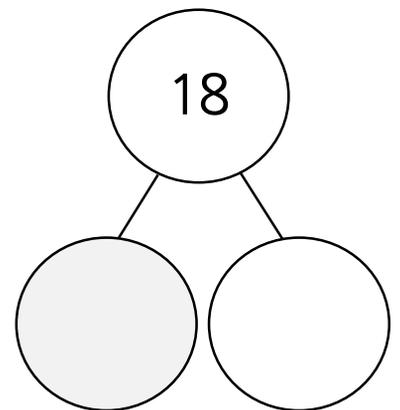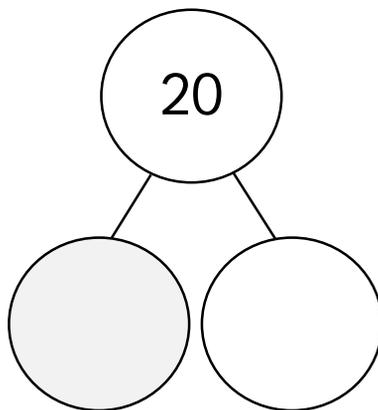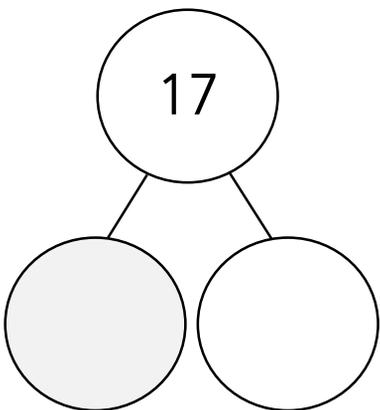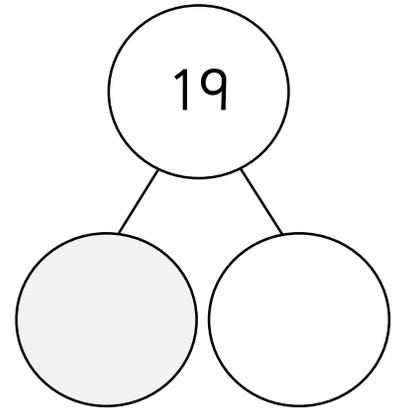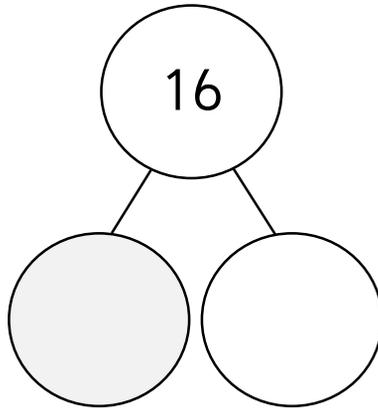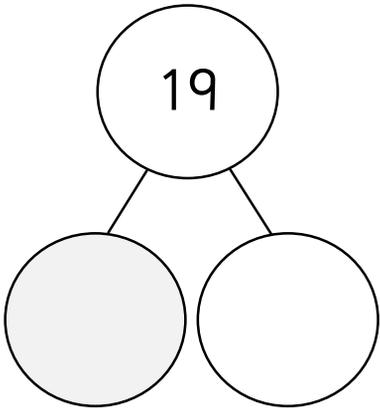
Challenge: Represent each subtraction…

☆ on a ten frame.
☆ on a number line.
☆ as a number sentence.

Subtraction – crossing 10

Look at the calculations below.
Find the matching answers and stick it over the top.

14 – 6	11 – 5	13 – 5	16 – 9
11 – 7	12 – 8	18 – 9	12 – 5
19 – 10	14 – 9	13 – 8	13 – 7

eight	9	4	six
nine	8	five	seven
6	four	7	5

Compare number sentences (addition)

Work in partners. Select a number sentence each and compare using < , > or =.
You may use equipment to help you.

Write your comparisons here…

13 + 4	fifteen + four	12 + 7
seven + nine	6 + 7	five + eight
10 + 8	14 + 5	twelve + three
eleven + six	8 + 6	four + nine

Compare number sentences (subtraction)

Work in partners. Select a number sentence each and compare using < , > or =.
You may use equipment to help you.

Write your comparisons here…

19 – 4	twelve – eight	16 – 8
thirteen – five	13 – 8	eleven – six
16 – 3	nineteen – seven	12 – 7
fifteen – nine	eighteen – ten	20 – 6

Length & Height
Weight & Volume

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please do not print this page.

Compare and measure length & height

Cut out and order the pencils from shortest to longest. Which is the longest / shortest?
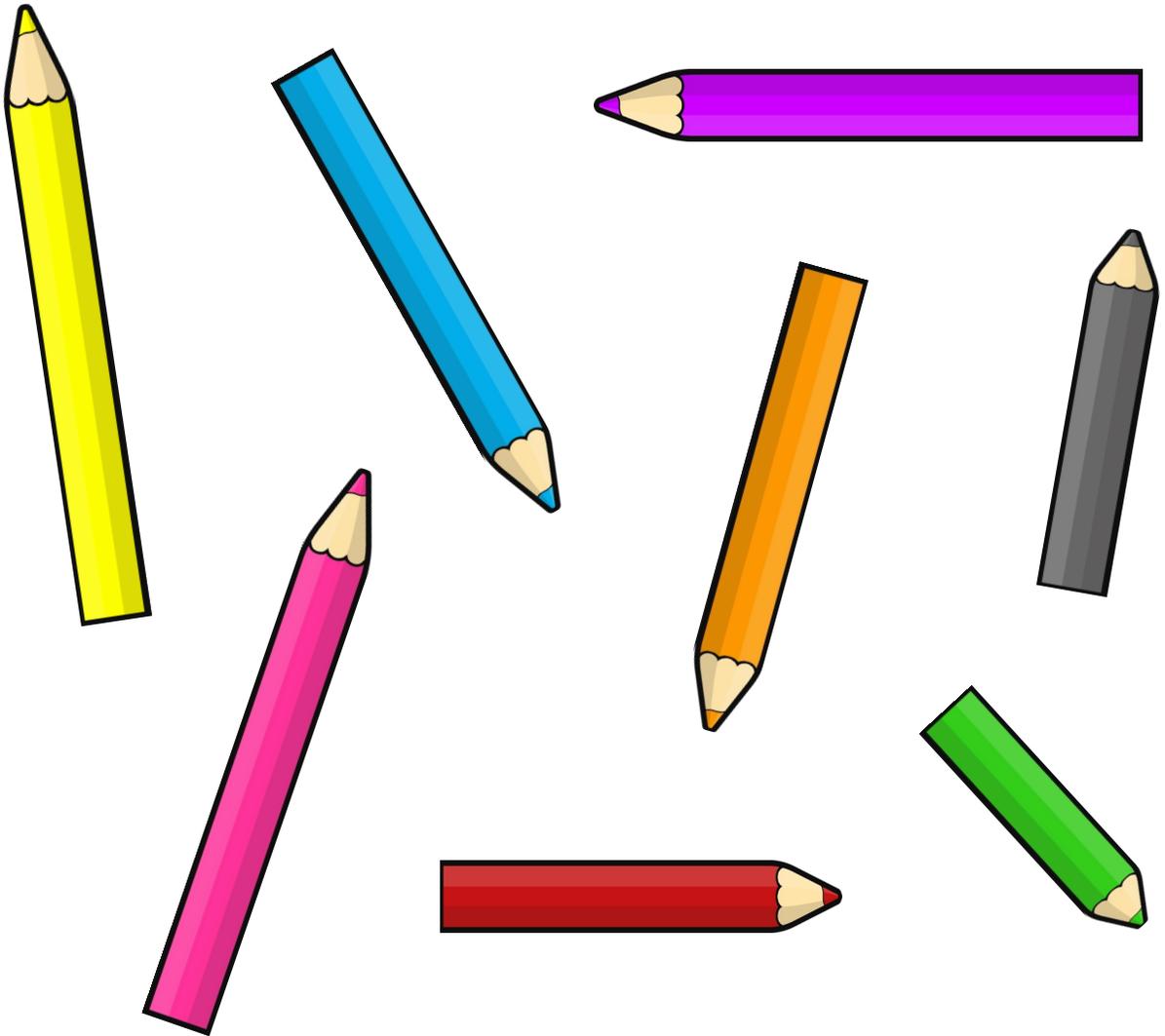
How many ways can you complete the following sentences?

The _____ pencil is longer than the _____ pencil.

The _____ pencil is shorter than the _____ pencil.

The _____ pencil is longer than the _____ pencil but shorter than the _____ pencil.

Challenge:

Measure each of the pencils using paperclips then using a ruler.
What else can you measure the pencils with?

Compare and measure weight & mass

Cut out and order the objects from lightest to heaviest. Which is the heaviest / lightest?
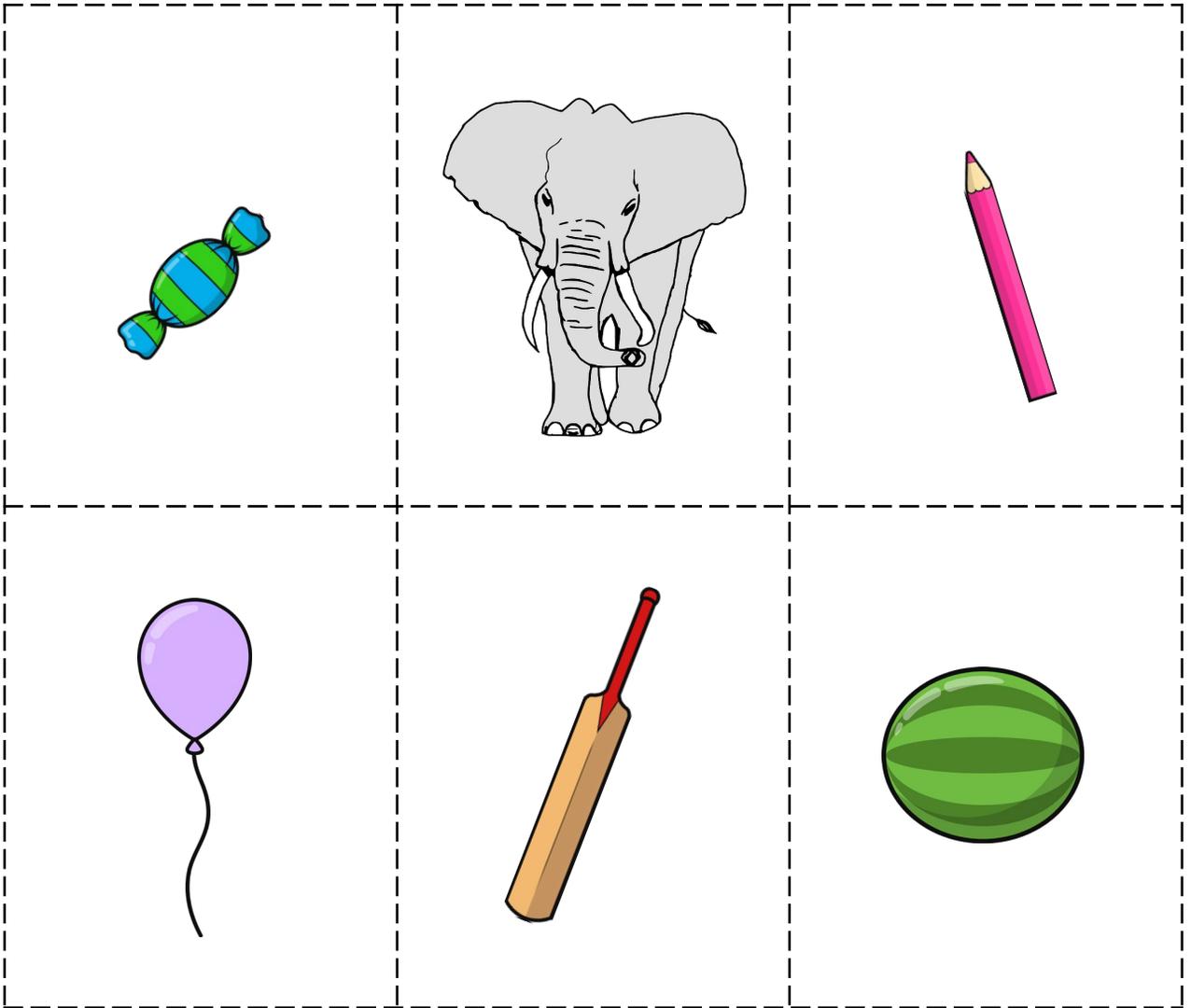
How many ways can you complete the following sentences?

The _____ is heavier than the _____.

The _____ is lighter than the _____.

The _____ is heavier than the _____ but lighter than the _____.

<u>Challenge</u>:

Compare the weight of objects around your classroom using balance scales.
Can you write sentences to compare?

Order volume

Order the cups from empty to full.

Empty

1	2	3	4
5	6	7	8

Full

A	B	C	D
E	F	G	H
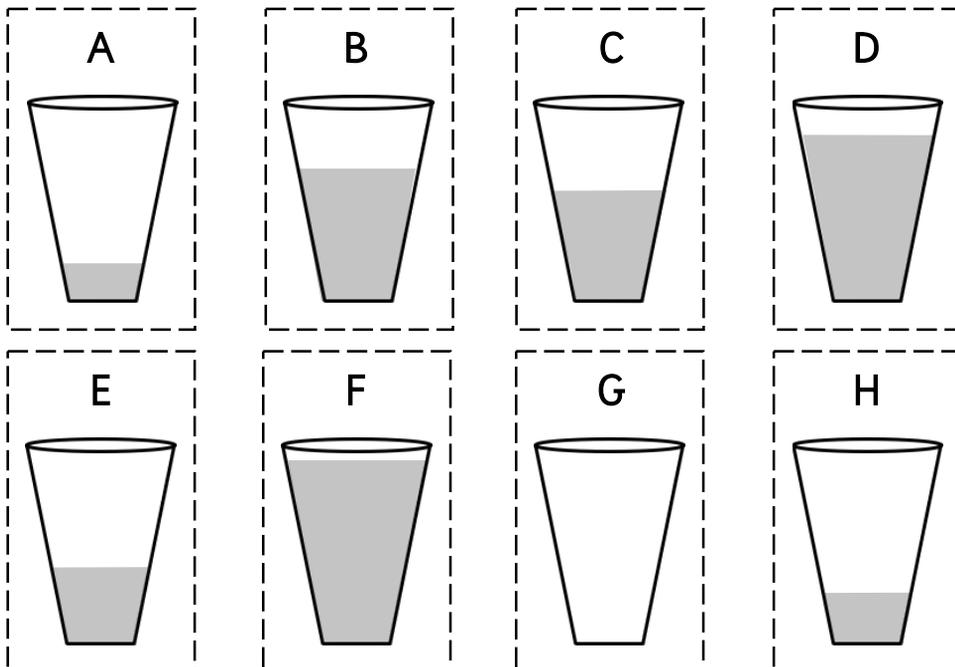
Ordering capacity

Task 1: Select two cards and compare the capacity using < , > or =.

Task 2: Select three or more cards and order them from least to most capacity.
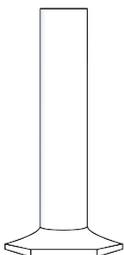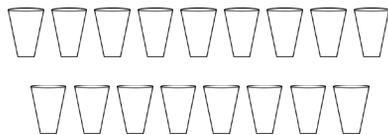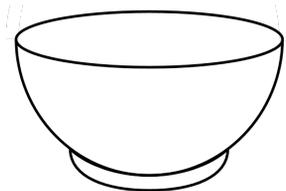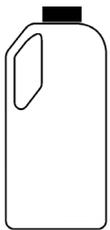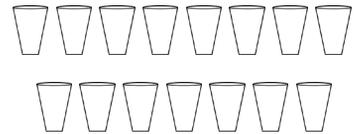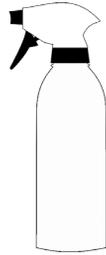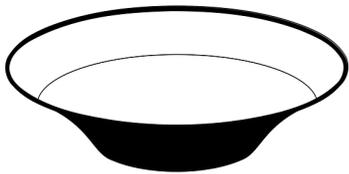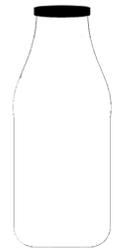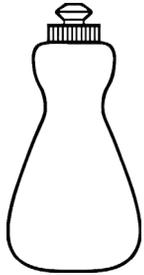
Shape

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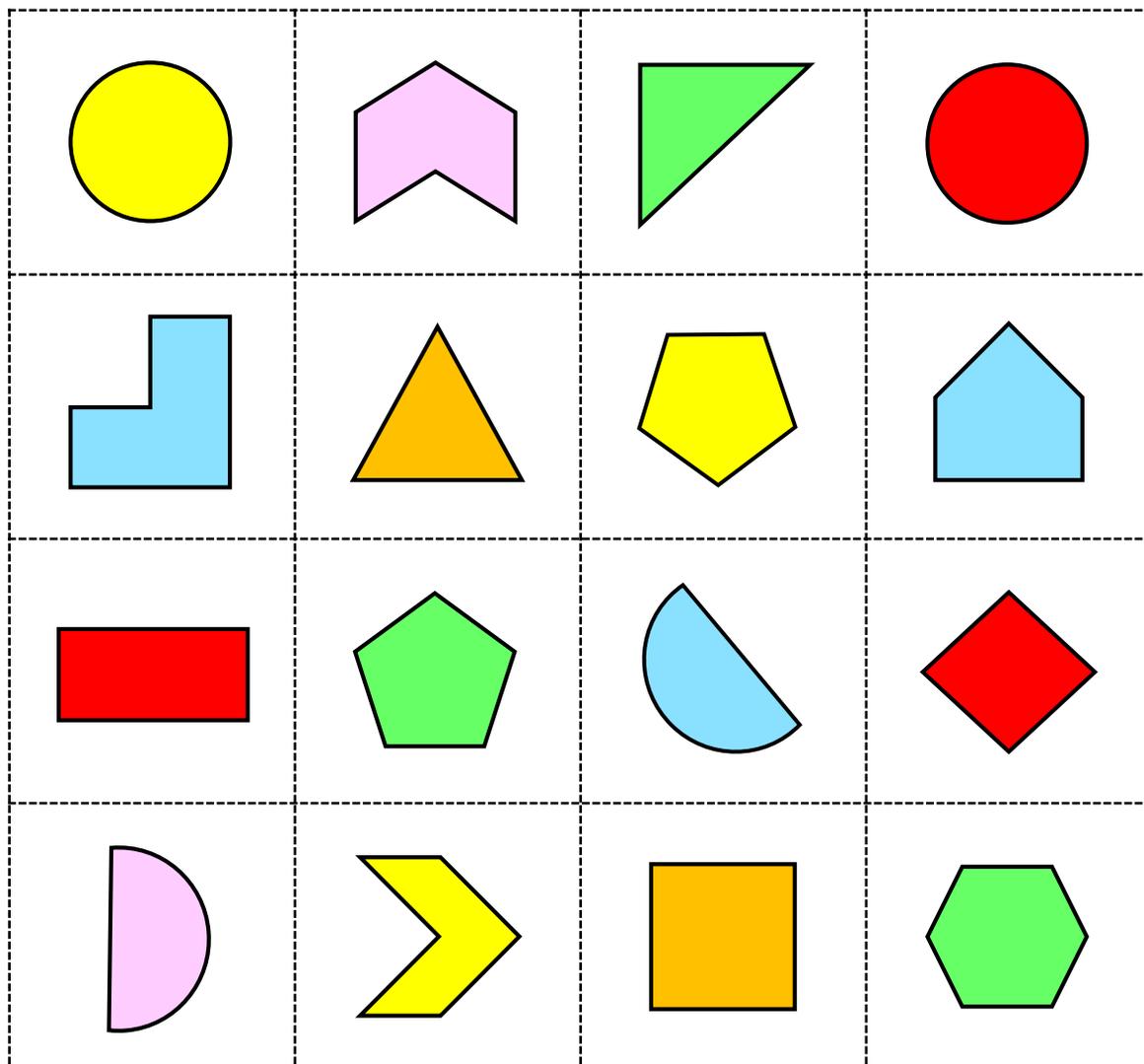
4-in-a-row - 2D shapes

Instructions:

Roll a dice.
Find a shape with the number of sides shown on the dice.
Put a counter over your answer.
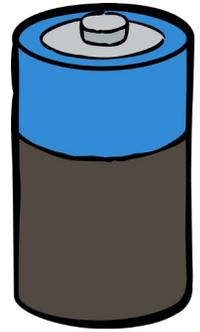The first player to get four in a row vertically or horizontally wins!
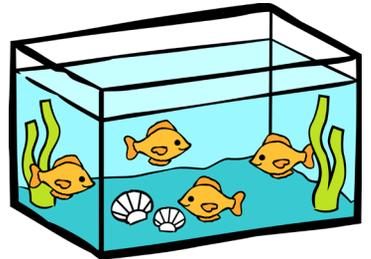
Remember: Circle = 1 side.   Semi-circle = 2 sides.

3D shapes

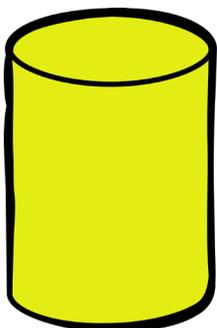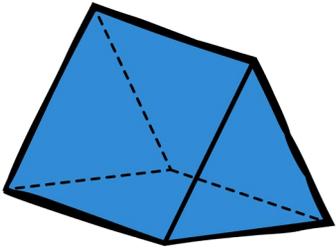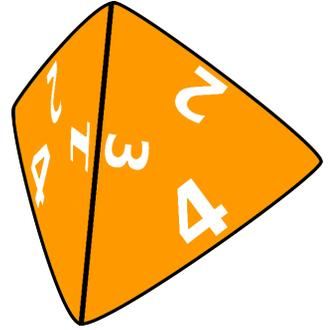Cut out the cards and match them by shape, name and real-life object.
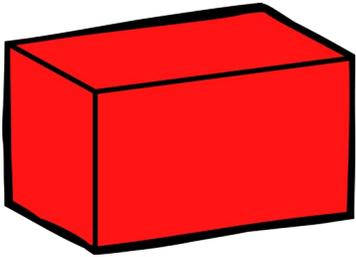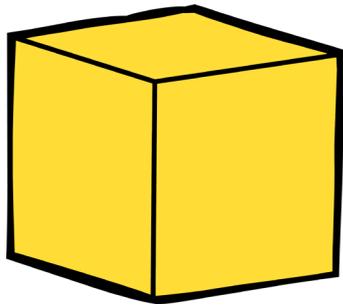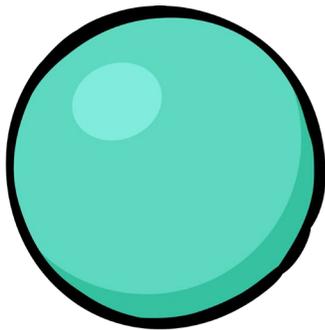
	sphere	
	cylinder	
	cube	
	cuboid	

3D shapes

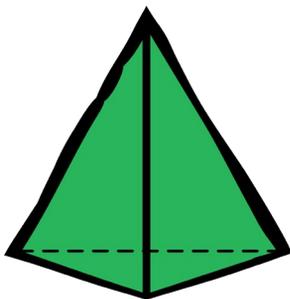Cut out the cards and match them by shape, name and real-life object.
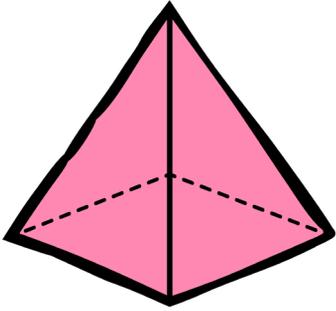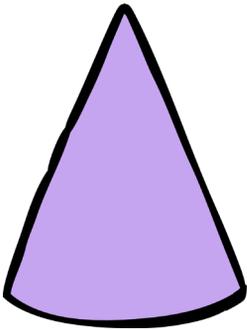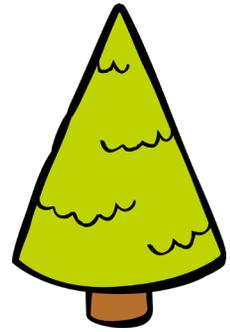
	cone	
	square-based pyramid	
	tetrahedron	
	triangular prism	