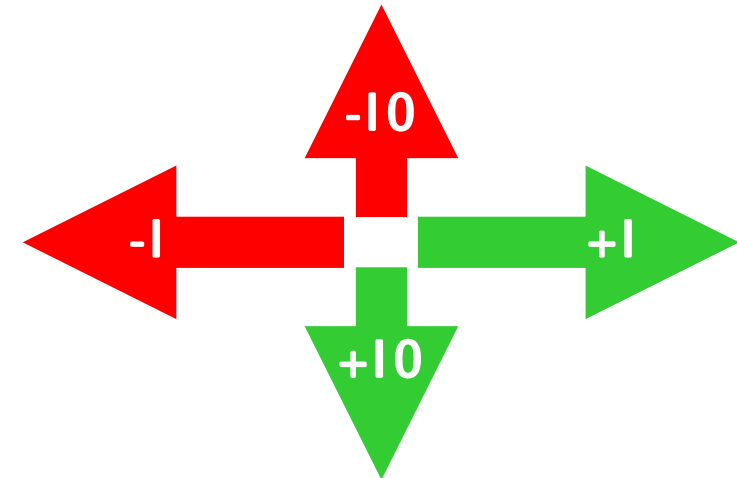




# Maths - Home Learning Year Two Shape

# One Hundred Square

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100



# Mental Mathematics

## Mental Mathematics on Walter Tube

The children need to practise their mental mathematics as regularly as possible. Visit our [Walter Tube channel](#) to find the following videos. You can access these on a phone, tablet, computer or even a smart TV. The more the children practise at these the faster and better they will get. Try practising just a few each day.

Subitising – instantly see how many things there are without counting.

<https://www.youtube.com/watch?v=xosFB4sFTK4> - Numicon

<https://www.youtube.com/watch?v=anLFEKFAmkk> - Pound Coins

[https://www.youtube.com/watch?v=XPwTyBQHI\\_U](https://www.youtube.com/watch?v=XPwTyBQHI_U) - Pennies

<https://www.youtube.com/watch?v=p62sssP8zdk> - Dots

<https://www.youtube.com/watch?v=SxwalAc609Q> - Dice

<https://www.youtube.com/watch?v=7qrs3nhjtkM> - Bears

### Counting Patterns

2s - <https://youtu.be/lmaHD2MSHY>

3s - <https://youtu.be/hhiFQRg2GoU>

5s - <https://youtu.be/kMAzgb9GOVE>

10s - <https://youtu.be/6K2Re0AZTiE>

### Mixed Up Counting Patterns

2s - [https://youtu.be/cTAvwMTW\\_2c](https://youtu.be/cTAvwMTW_2c)

3s - <https://youtu.be/mnPHxxIcZq4>

5s - <https://youtu.be/TQ3XR-ugzns>

10s - <https://youtu.be/Po4WSqWnNUE>

### Multiplication Challenge

x 2 - <https://youtu.be/bSwTUZvDDNg>

x 3 - <https://youtu.be/zuKjxNIxjmQ>

x 5 - <https://youtu.be/xQ4kPIZfCPc>

x 10 - <https://youtu.be/8Z2Pijb-Xvg>

### Division Challenge

÷ 2 - <https://youtu.be/p78FGUAbUU>

÷ 3 - [https://youtu.be/Bnd\\_TB03gCO](https://youtu.be/Bnd_TB03gCO)

÷ 5 - <https://youtu.be/oXPYkJqLdzU>

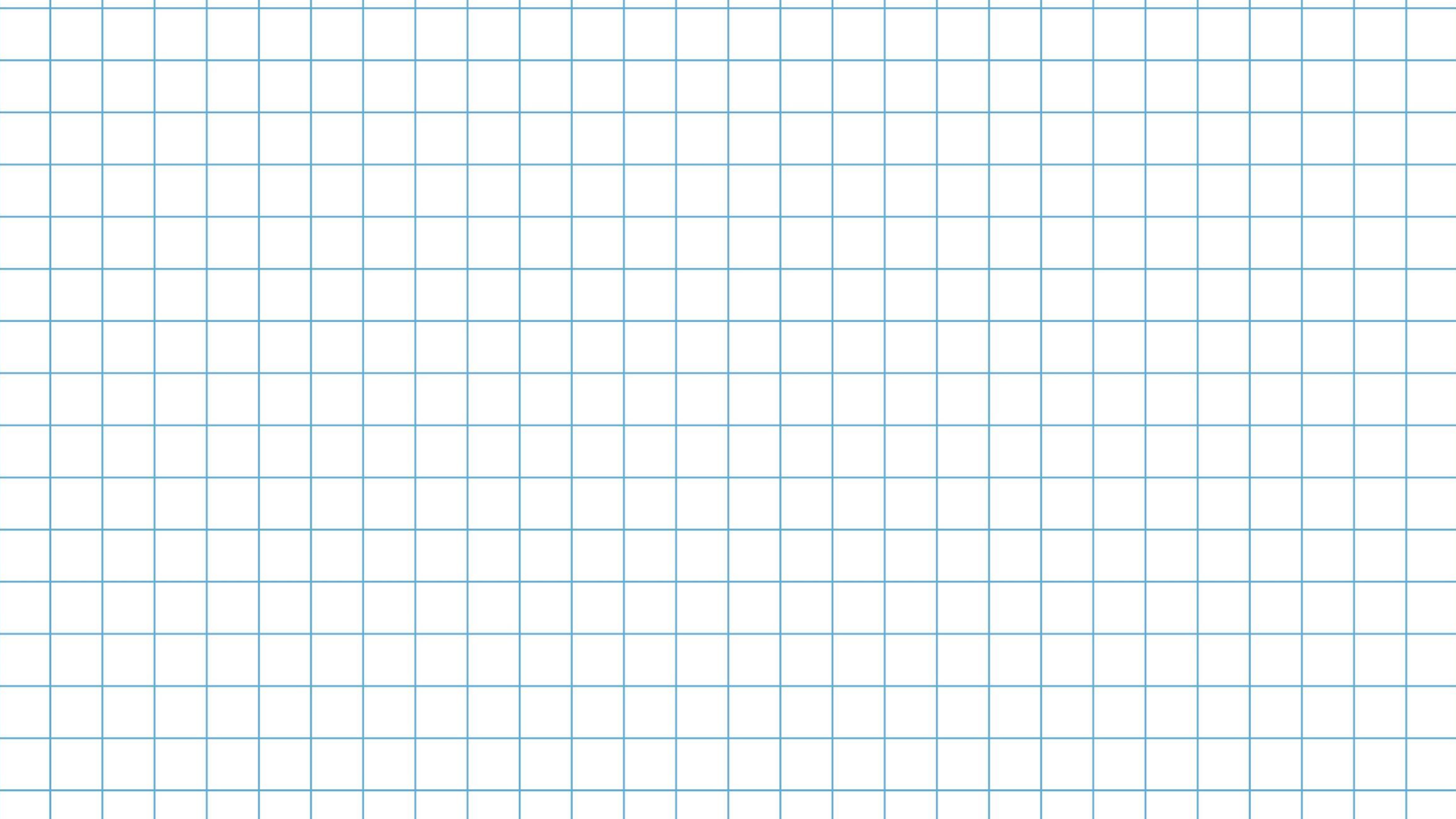
÷ 10 - <https://youtu.be/hGJhXYgH1RM>

# Other Online Resources

Don't forget there are lots of maths activities on Education City, Purple Mash, The Oak National Academy and BBC Bitesize. We have lots of links and resources on our school website, under Home Learning.

[https://www.walter.wokingham.sch.uk/website/home\\_learning/](https://www.walter.wokingham.sch.uk/website/home_learning/)





# Activity 1 – naming and describing 2D shapes

## Properties of 2D Shapes

To describe a 2D shape we use the following vocabulary.

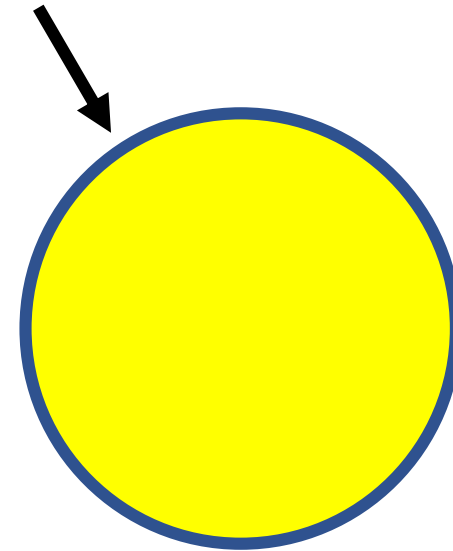
- Side (straight or curved)
- Corner (in Year 2 the children also need to learn these as a vertex, vertices or angles)



straight side

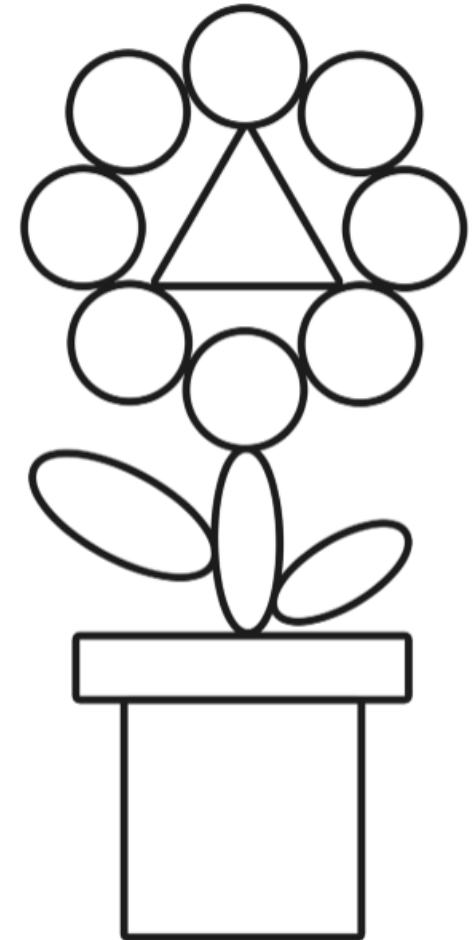
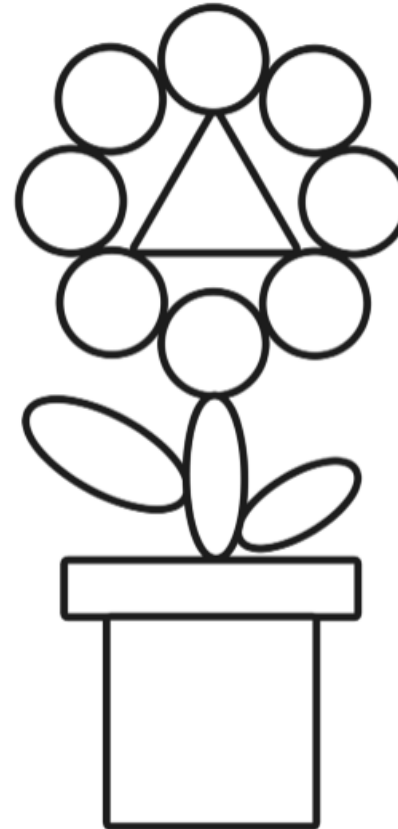
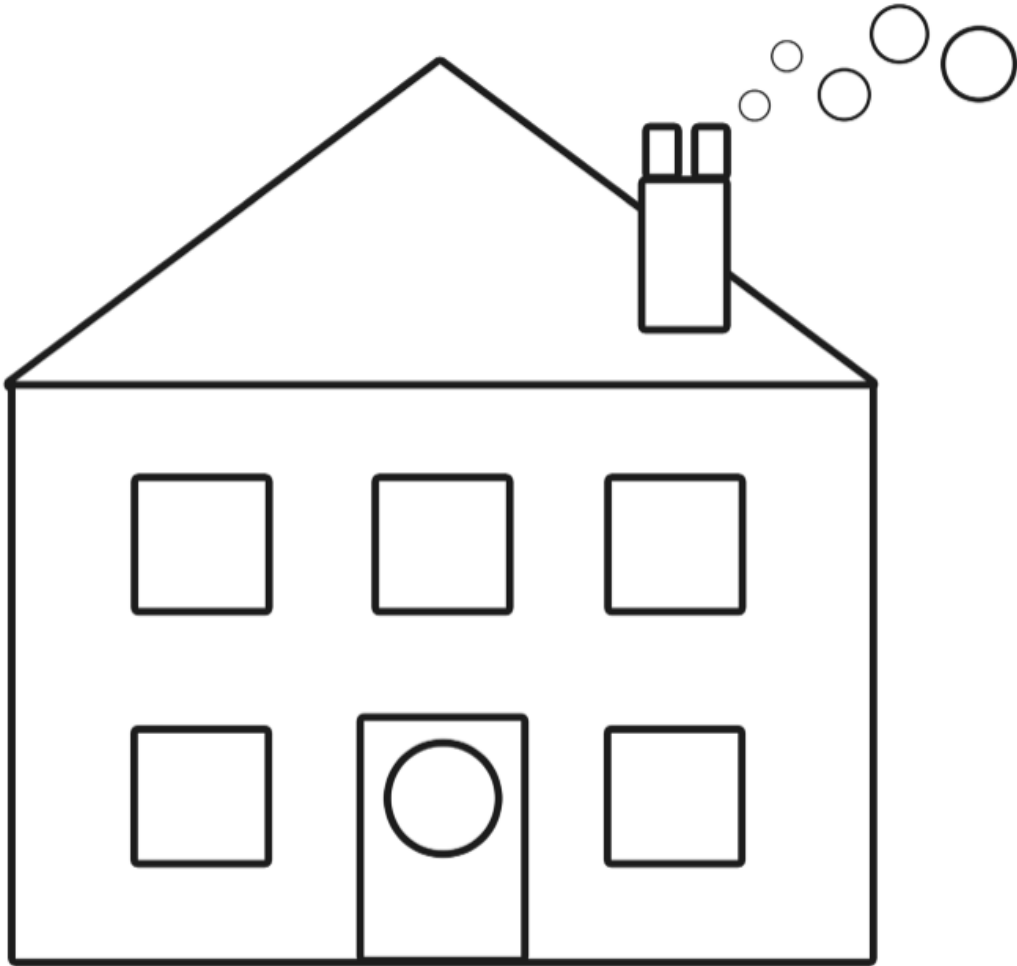
corner, angle  
or vertex

curved side



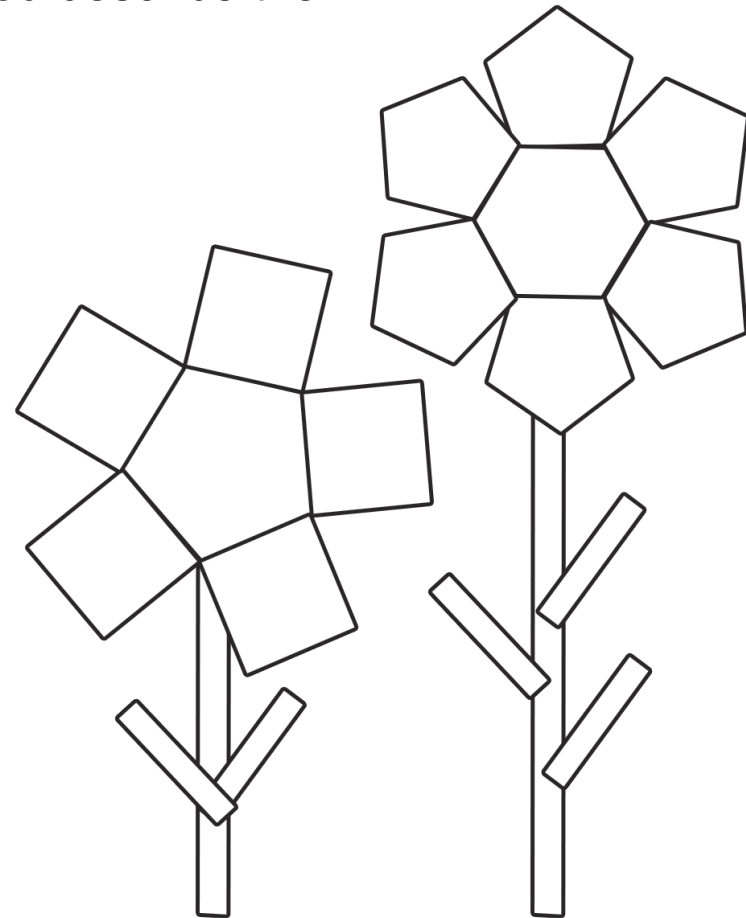
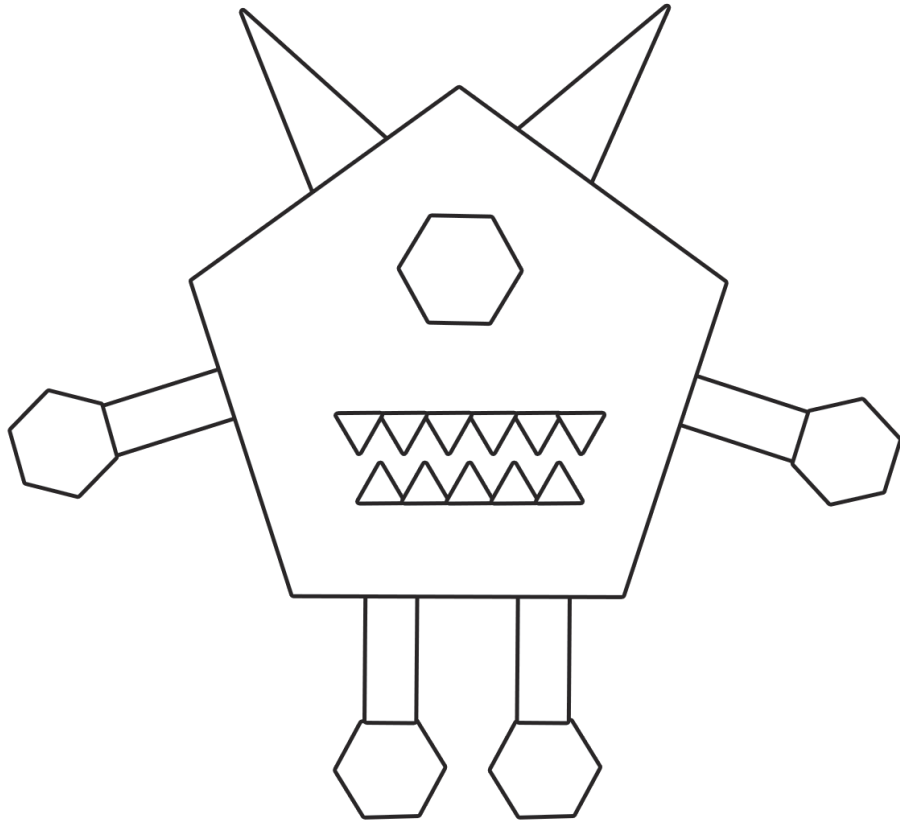
# Activity 1 – naming and describing 2D shapes

Identify, name and describe the 2D shapes. Look at the pictures below, list as many 2D shapes as you can. Can you describe them?



# Activity 1 – naming and describing 2D shapes

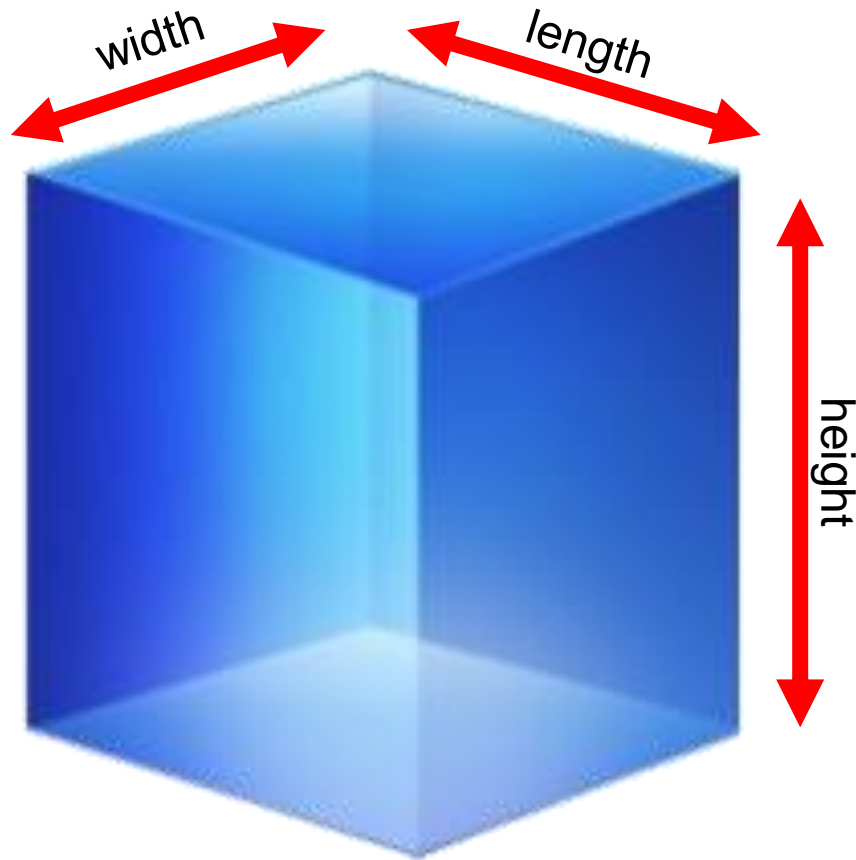
Identify, name and describe the 2D shapes. Look at the pictures below, list as many 2D shapes as you can. Can you describe them?





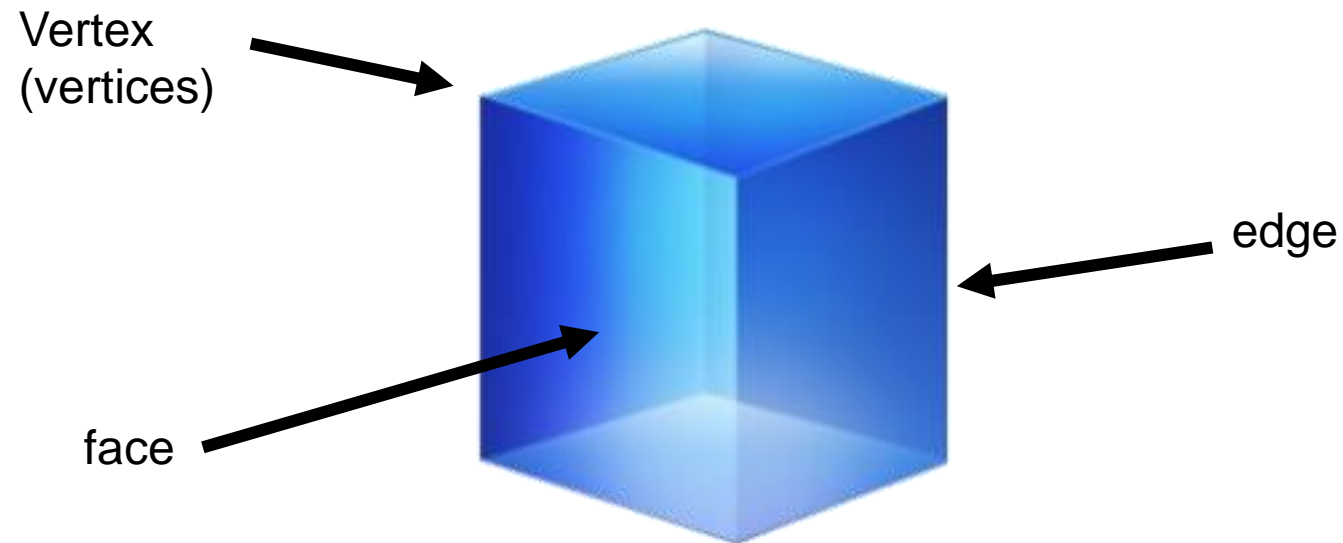
# Activity 2 – naming and describing 3D shapes

- These shapes are solid or hollow.
- They have three dimensions – length, width/depth and height.



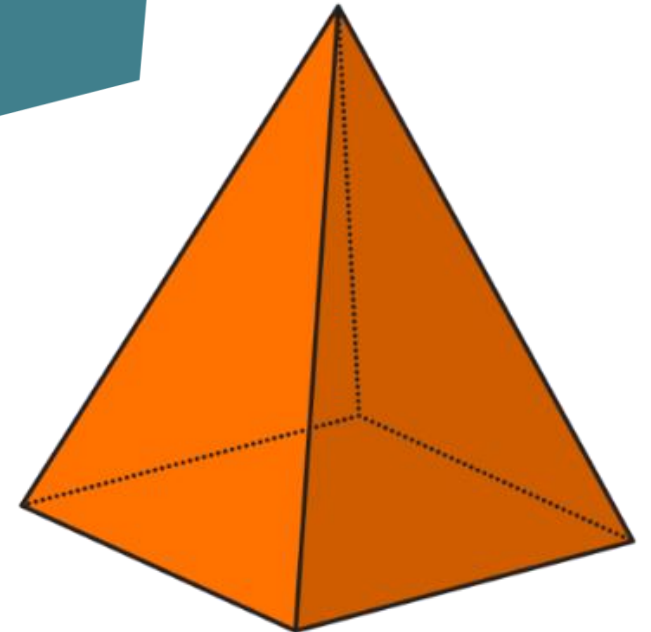
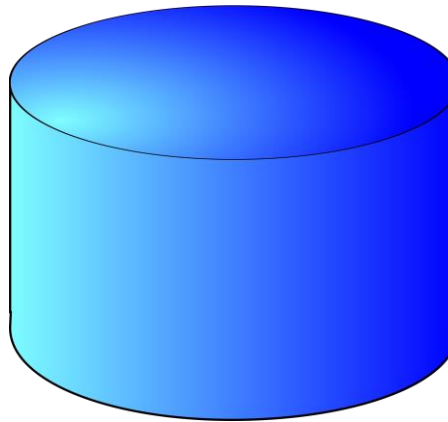
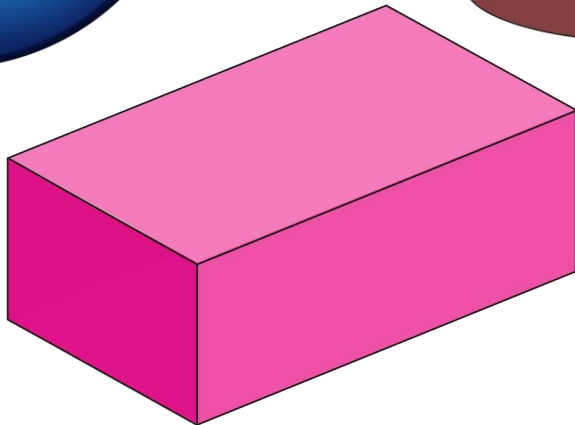
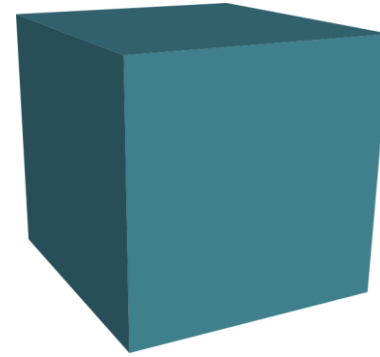
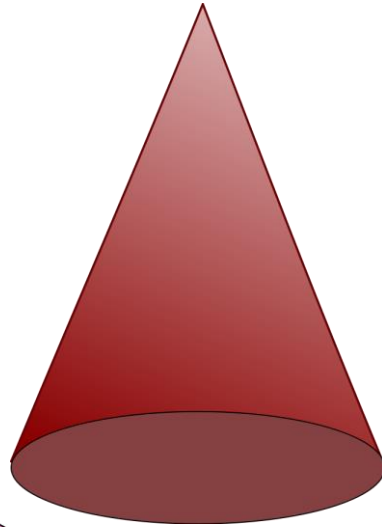
# Activity 2 – naming and describing 3D shapes

- To describe a 3D shape we use the following vocabulary.
- Face (can be flat or curved) – we can use 2D shape names to describe these
- Edge – the line where two faces meet
- Vertex (vertices) – where three or more edges meet



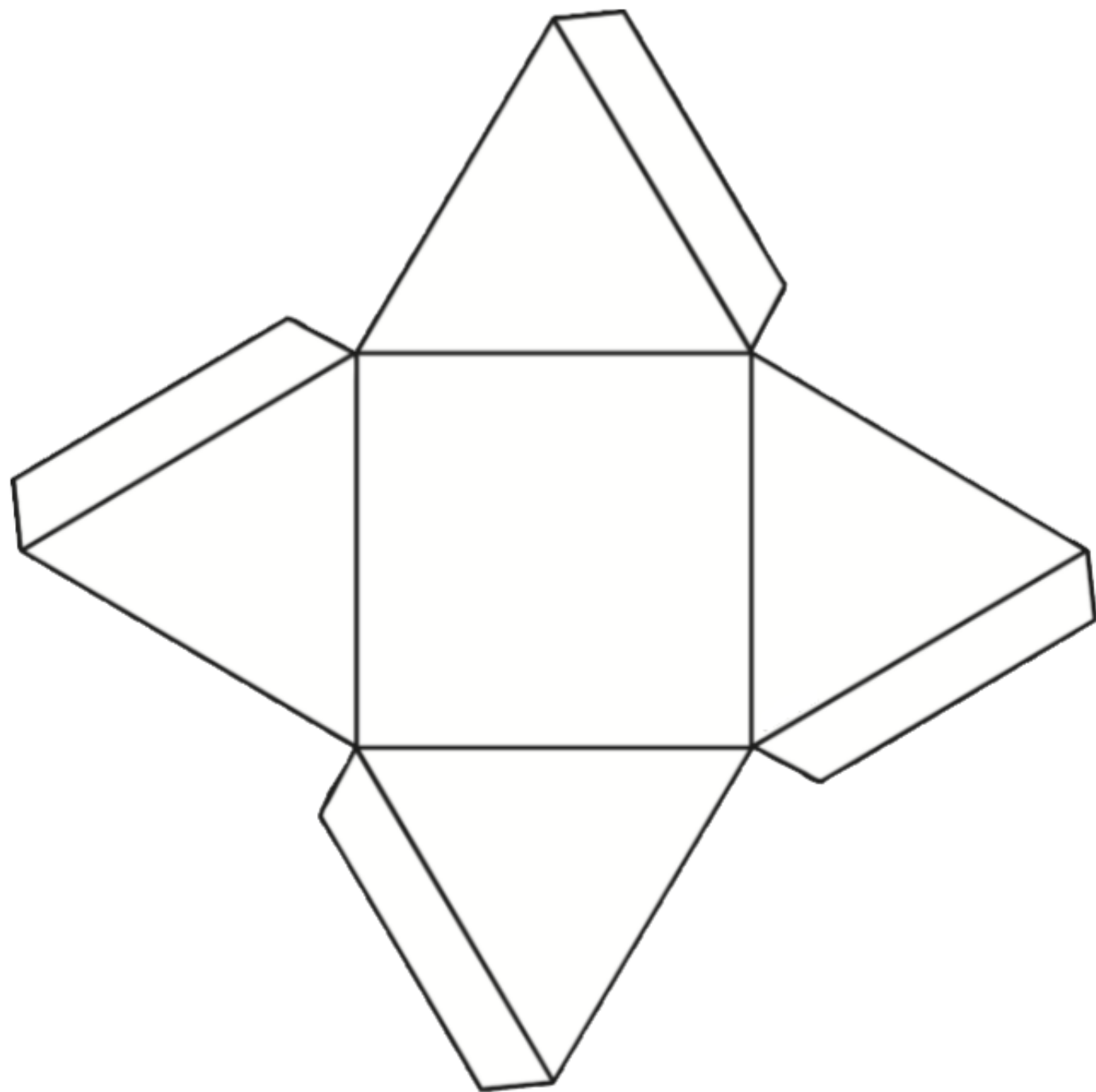
# Activity 2 – naming and describing 3D shapes

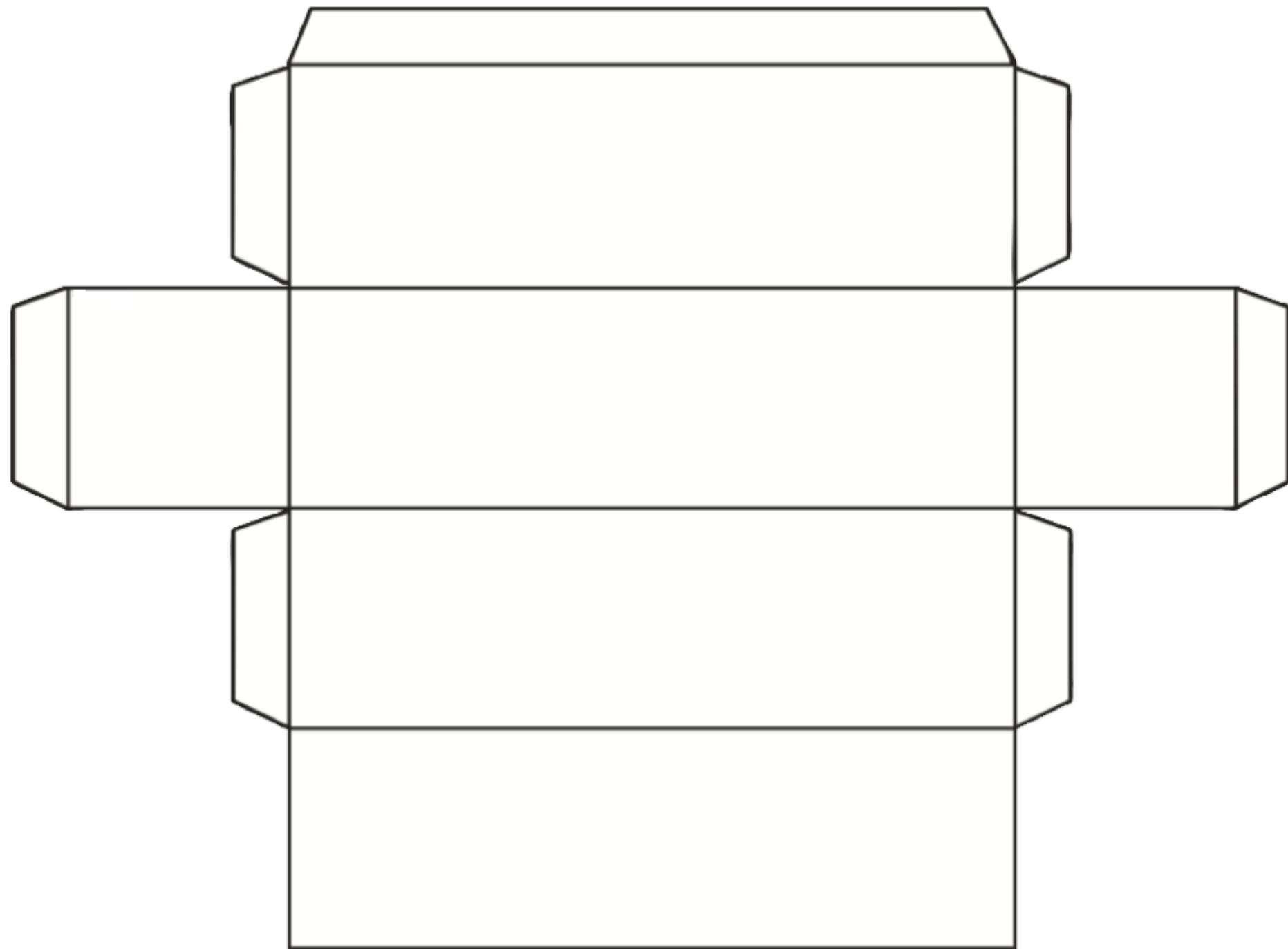
Look at the shapes below. Can you name and describe them? Look around your house to see if you can find examples of these 3D shapes.

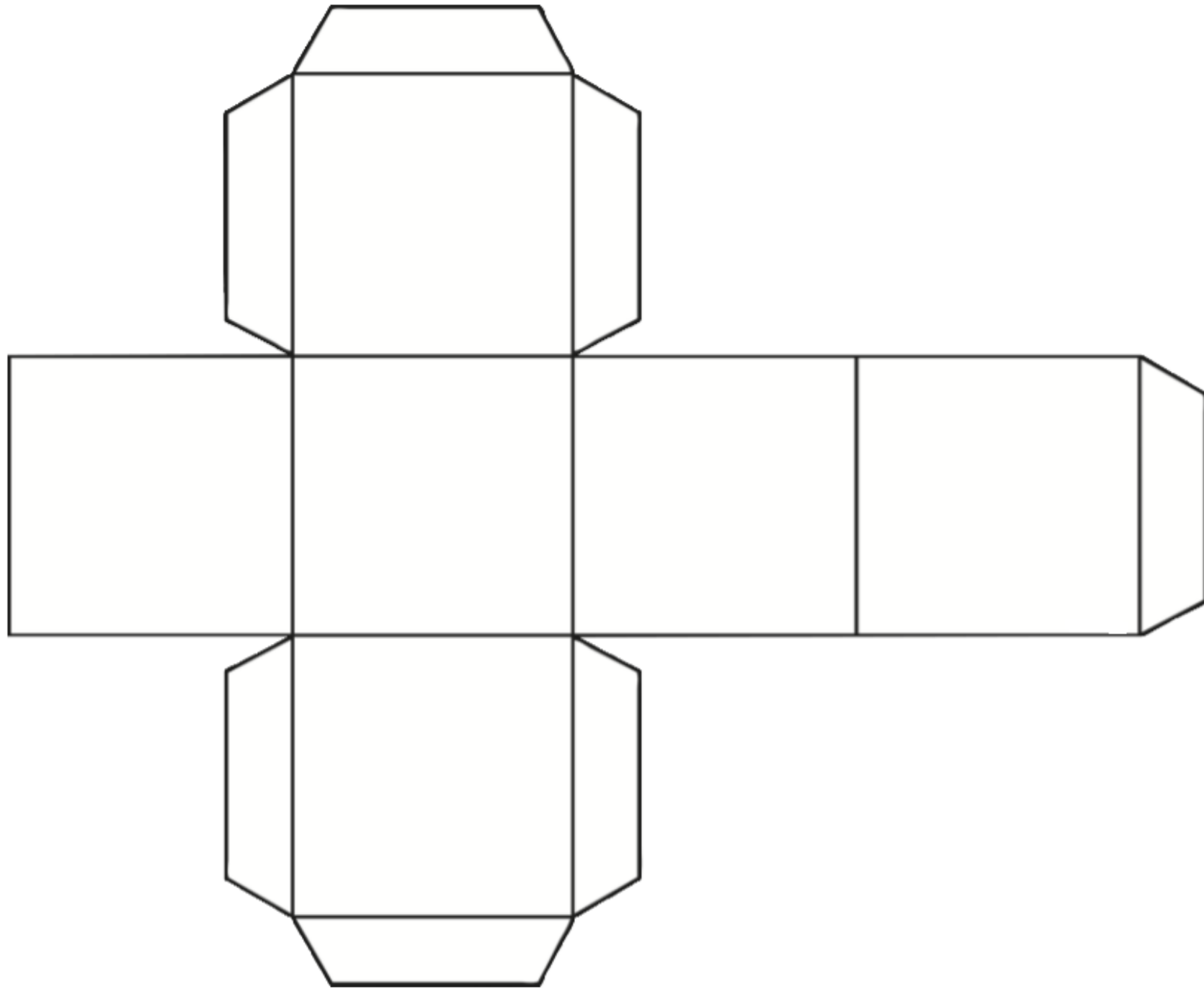


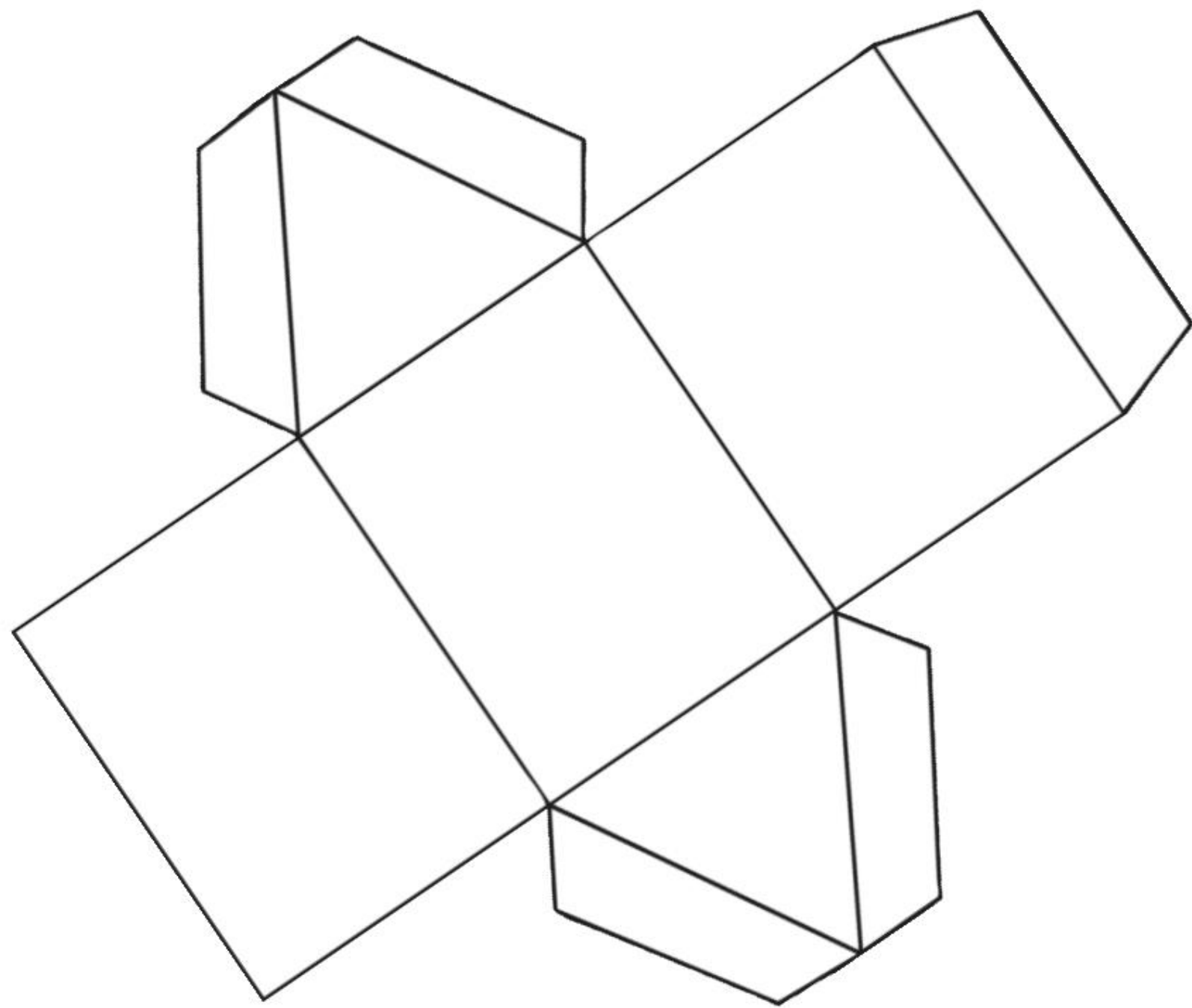
# Activity 3 – making 3D shapes

- We are going to investigate how to make 3D shapes.
- You will need to print off the nets on the next few pages.
- Have a go at making these shapes.
- You will need glue and scissors.
- These can be quite tricky; make sure you ask a grown up for help if you are stuck.
- You might want to make your favourite one, a few of them or all of them. This might take you more than one day.

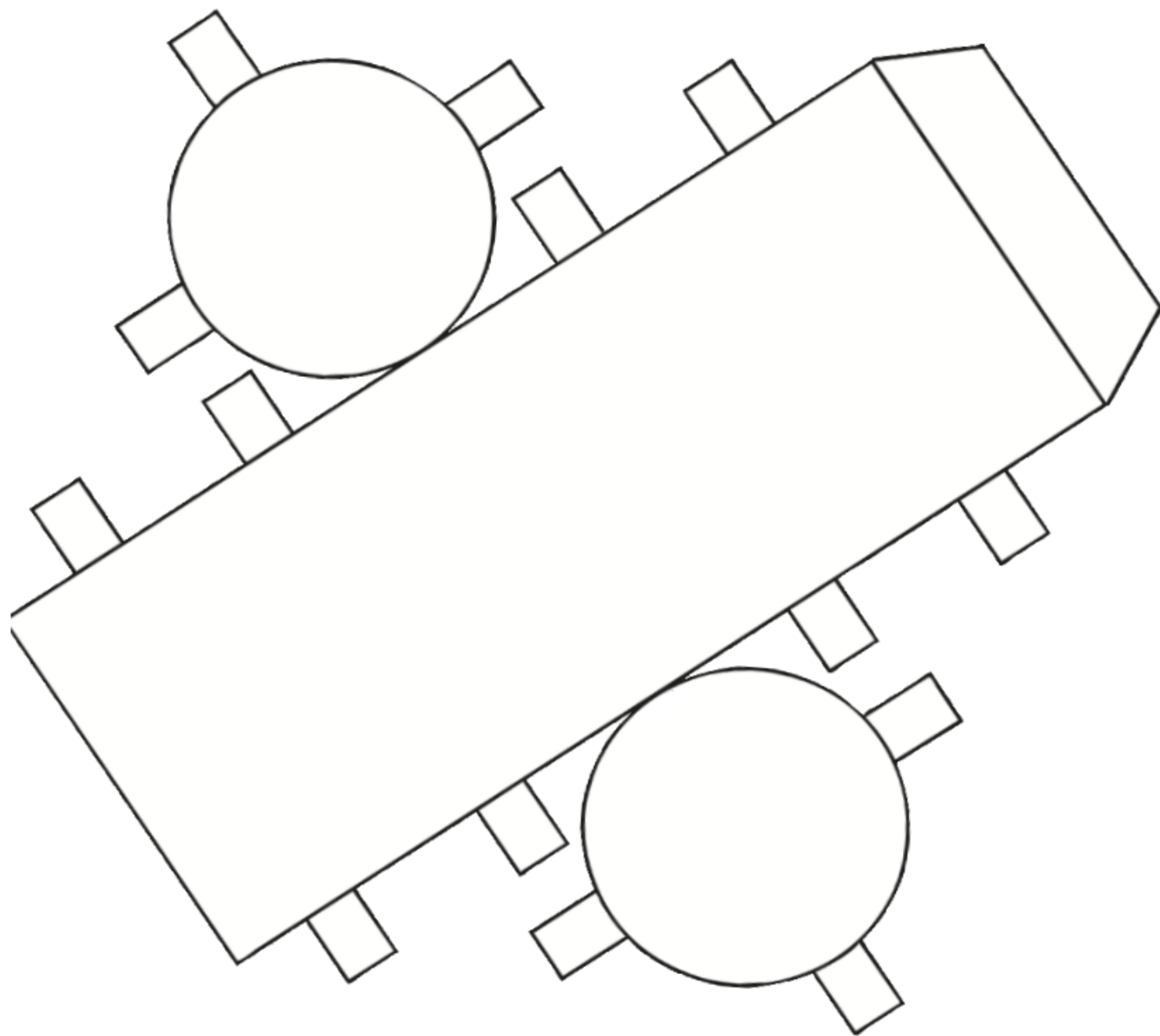






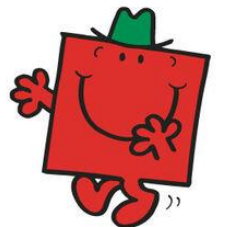






# Activity 4 – wanted posters

- Draw your favourite shape.
- Add some arms, legs and a face; just like a Mr Man or Little Miss character.
- Try to describe your shape character using the properties of the shape you have chosen.
- You can print the sheet on the next page if you want to.
- For example:
  - Have you seen this person. He four side and four corners. All his sides are the same length.



# WANTED

[illegible][illegible]