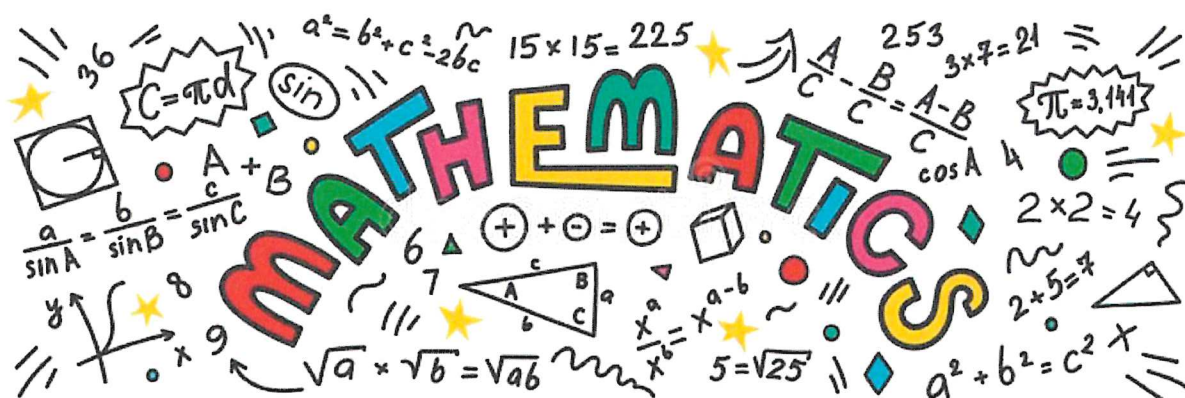


Maths

Level Three

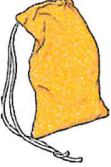
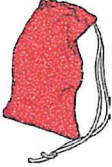


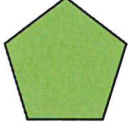
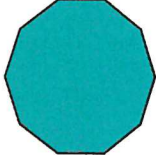
Task Eight





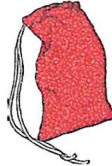


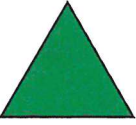

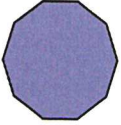
Multiplication and Division with 2D Shapes

I can solve a 2D shapes problem using multiplication and division.

Can you work out how many vertices are inside each bag? Write the calculation to show how you worked out the answer.

 2 squares	 4 pentagons	 7 decagons
This bag contains 2 squares.  _____ There are ____ vertices.	This bag contains 4 pentagons.  _____ There are ____ vertices.	This bag contains 7 decagons.  _____ There are ____ vertices.

Can you work out how many shapes are inside each bag? Write the calculation to show how you worked out the answer. One has been done for you.

 15 vertices	 21 vertices	 12 vertices	 80 vertices
This bag contains 3 pentagons.  $15 \div 5 = 3$	How many triangles are in this bag? ____ 	How many rectangles are in this bag? ____ 	How many decagons are in this bag? ____ 

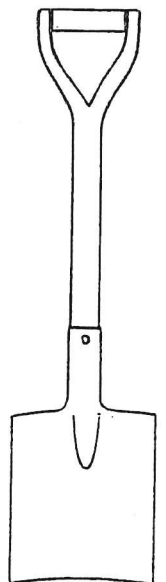
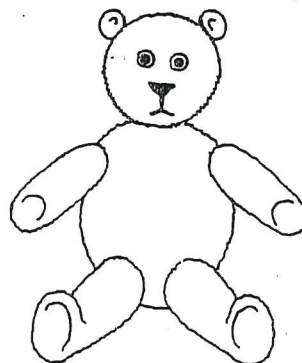
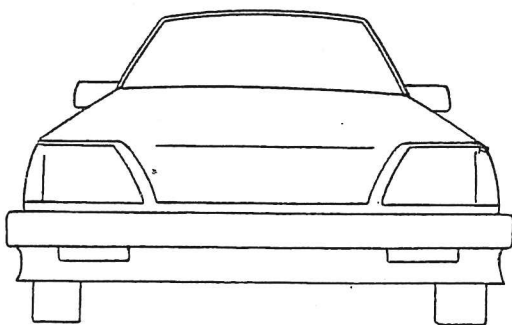
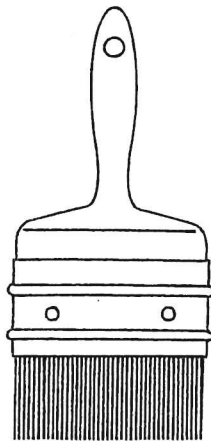
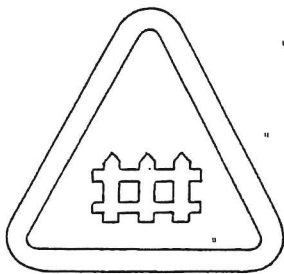
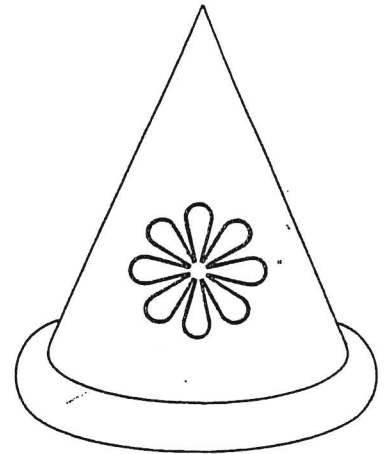
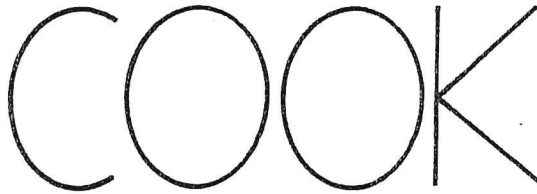
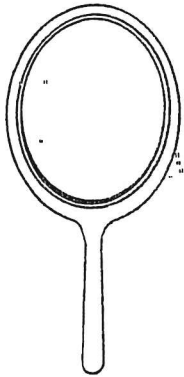
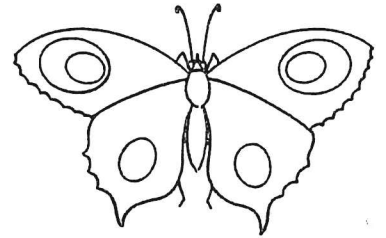
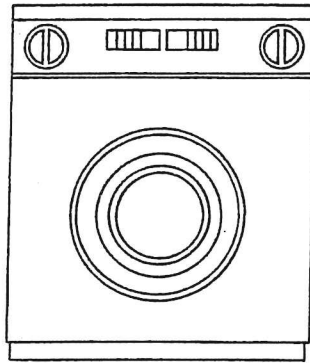
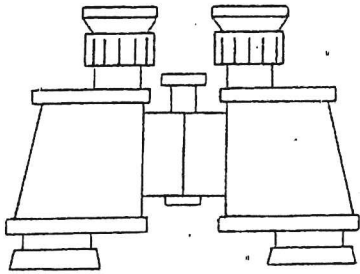
Charlie has a bag containing 24 vertices? What set of shapes could it contain?

Worksheet 3: Reflections

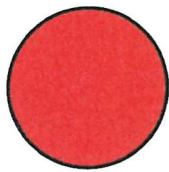
Each of the following shapes has line symmetry.

Draw the line of symmetry for each.

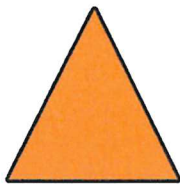
You may use a mirror or fold the paper to check.



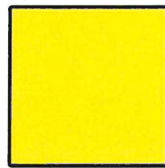
2D and 3D Shapes



circle



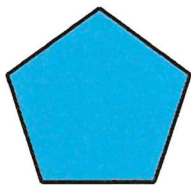
triangle



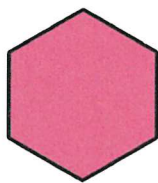
square



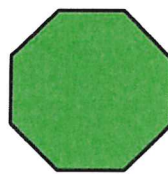
rectangle



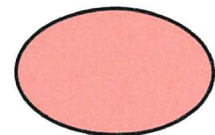
pentagon



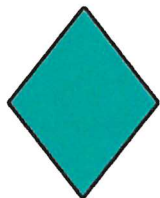
hexagon



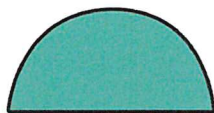
octagon



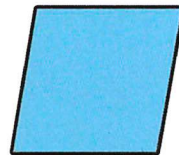
oval



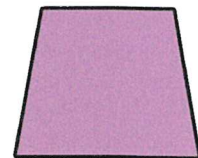
rhombus



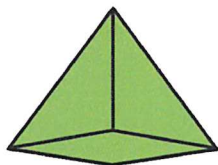
semicircle



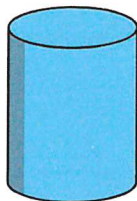
parallelogram



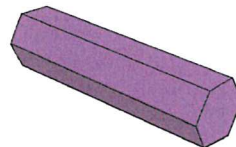
trapezium



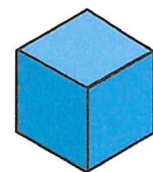
square-based
pyramid



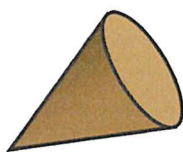
cylinder



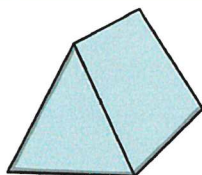
hexagonal prism



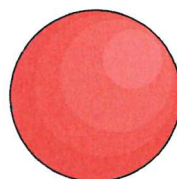
cube



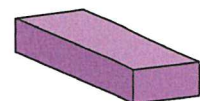
cone



triangular prism

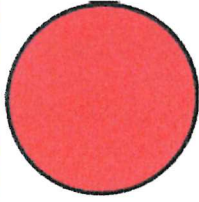


sphere



cuboid

circle



rectangle



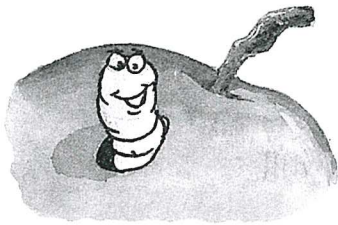
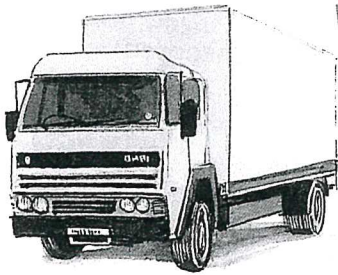
English

Level Three

Task Eight



The words in a dictionary are in alphabetical order but, to make it easier to find a word, there are **guide words** at the top of each page. These tell you the first word and the last word that appear on that page. To find a word, you need to find the page on which your word comes after the first guide word and before the second one. For example, if the guide words on a page are JOVIAL and KEEP, the first word on the page is 'jovial' and the last word on the page is 'keep'. The word 'jug' would be on this page.

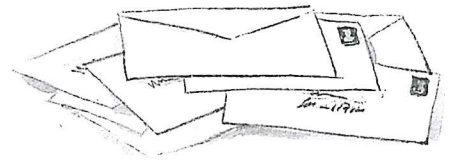


B Here are the guide words from three different pages in a dictionary:

Page 128: lorry lunar

Page 129: lunatic mail

Page 177: radical ranger



Write the number of the page on which each of the following words would appear.

- | | | | |
|----------|-----------|-------------|----------|
| 1 maggot | 2 lynch | 3 raffle | 4 rally |
| 5 loud | 6 lowland | 7 ludicrous | 8 lunacy |
| 9 range | 10 lyric | 11 radical | 12 lorry |



Spelling

Antonyms

Many **antonyms** are made by adding **prefixes** to root words.

For example:

well unwell possible impossible legal illegal

Here is a table of some common prefixes that can make antonyms.

Prefix	Meaning	Example
anti	against	anticlockwise
dis	away, off	dismount
ex	out of	export
im	into	import
in	not	incapable
il	not	illegal
ir	not	irresponsible
mis	wrong	misbehave
non	not	nonsense
un	not	untidy