The pupil can:

- read and write numbers in numerals up to 100
- partition a two-digit number into tens and ones to demonstrate an understanding of place value, though they may use structured resources[1] to support them
- add and subtract two-digit numbers and ones, and two-digit numbers and tens, where no regrouping is required, explaining their method verbally, in pictures or using apparatus (e.g. 23 + 5; 46 + 20; 16 – 5; 88 – 30)
- recall at least four of the six[2] number bonds for 10 and reason about associated facts (e.g. 6 + 4 = 10 , therefore 4 + 6 = 10 and 10 – 6 = 4)
- count in twos, fives and tens from 0 and use this to solve problems
- know the value of different coins
- name some common 2-D and 3-D shapes from a group of shapes or from pictures of the shapes and describe some of their properties (e.g. triangles, rectangles, squares, circles, cuboids, cubes, pyramids and spheres).

Parent guidance.

Fact family in addition and subtraction is the four facts you can work out from an addition or subtraction calculation.

e.g, if I know that 1 + 3 = 4 then:
3 +1 = 4
4 – 3 = 1
4 – 1 = 3   0 0 0 0

If 6 – 2 = 4 then:
6 – 4 = 2
2 + 4 = 6
4 + 2 = 6   0 0 0 0   0 0

Encourage students to draw images to help them (e.g. the circles above). They should be able to use the image to work out the facts.

1.

1 + ___ = 10   Write the fact family for: 6 + 4 = ___

2 + ___ = 10

4 + ___ = 10

_____

2.

2, 4, 6, 8, __, 12, 14   I have 4 ten pence coins. How much money do I have?

5, 10, 15, 20, __, 30, 35, 40   _____

10, 20, 30, 40, ___, 60, 70
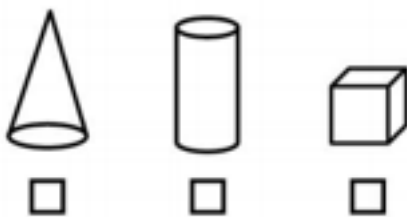
3.

Use < or > to show which is greater than or less than:

4.

Tick the triangle:

| ☐ | ☐ | ☐ |

Tick the cube:

| ☐ | ☐ | ☐ |

5. Partition this number into tens and ones.

46

Extension: 56 + 3 =   56 + 32 =   56 – 32 =

1.

5 + ___ = 10   Write the fact family for: 1 + 9 = ___

6+ ___ = 10

8 + ___ = 10

_____

2.

2, 4, __, 8, 10, 12, 14   I have 6 ten pence coins. How much money do I have?
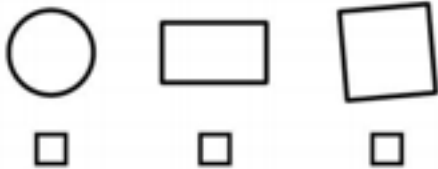
5, 10, __, 20, 25, 30, 35, 40

10, 20, ___, 40, 50, 60, 70

3.
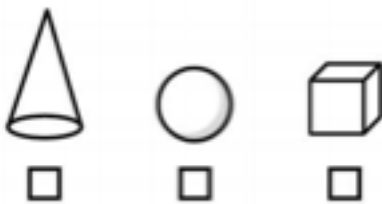
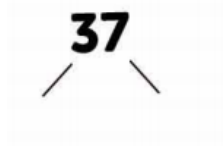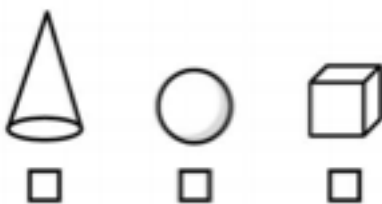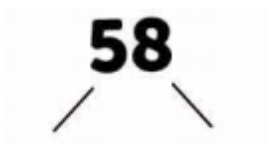Use < or > to show which is greater than or less than:

4.

Tick the circle:

☐   ☐   ☐

Tick the sphere:

☐   ☐   ☐

5. Partition this number into tens and ones.

37

Extension: 24 + 5 =   24 + 16 =   48 - 16 =

1.

3 + ___ = 10   Write the fact family for: 5 + 5 = 10

0 + ___ = 10

8 + ___ = 10

2.

2, 4, 6, 8, 10, __, 14   I have six 5p coins. How much money do I have? _____

5, 10, 15, 20, 25, __, 35, 40

10, 20, 30, 40, 50, __, 70, 80, 90

3.

Use < or > to show which is greater than or less than:

4.

Tick the square

☐   ☐   ☐

Tick the cone:

☐   ☐   ☐

5. Partition this number into tens and ones.

Extension: 58 – 6 =   40 + 16 =   58 - 16 =

1.

1 + ___ = 10   Write the fact family for: 2 + 8 = ___

10 + ___ = 10

7 + ___ = 10

2.

2, __, 6, 8, 10, 12, 14

5, 10, 15, 20, 25, 30, 35, 40, 45, ___, 55
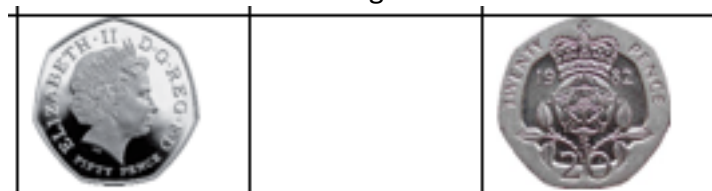
10, __, 30, 40, 50, 60, 70, 80, 90

I have 10 pairs of socks. How many socks altogether? _____

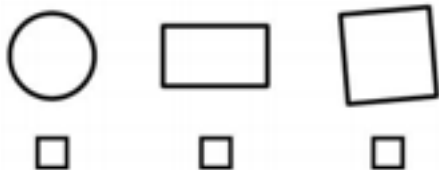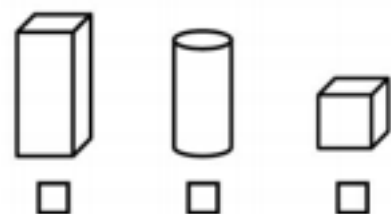**3.**

Use < or > to show which is greater than or less than:

4.

Tick the rectangle:

☐   ☐   ☐

Tick the cuboid:

☐   ☐   ☐

5. Partition this number into tens and ones.

24

Extension: 68 − 4=   28 + 31 =   68 − 35 =

1.

6 + __ = 10   Write the fact family for: 1 + 9 = ___

10 + ___ = 10

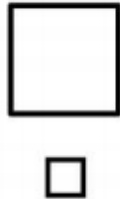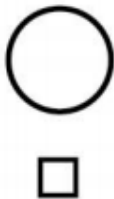7 + ___ = 10

2.
0, 2, 4, 6, 8, 10, 12, __, 16, 18, 20

0, __, 10, 15, 20, 25, 30, 35, 40, 45, 50, 55
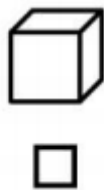
10, 20, 30, 40, 50, 60, 70, 80, 90, ___

There are 10 crayons in a pack. I have 5 packs.
How many crayons do I have? _____

3.
Use < or > to show which is greater than or less than:

4.
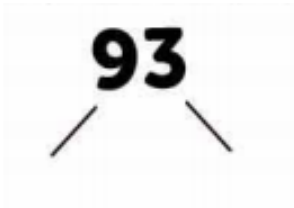Which shape has 0 vertices?

☐   ☐   ☐
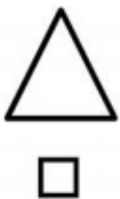
Which shape has square faces?

☐   ☐   ☐

5. Partition this number into tens and ones.

Extension: 40 + 3 =   40 + 30 =   40 – 30 =

1.
1 + __ = 10   Write the fact family for: 9+ 1 = ___

4 + ___ = 10

5 + ___ = 10

2.
0, 2, 4, 6, 8, 10, 12, 14, 16, __, 20

0,5, 10, 15, __, 25, 30, 35, 40, 45, 50, 55

0, 10, 20, 30, 40, 50, 60, __, 80, 90, 100

There are 10 crayons in a pack. I have 6 packs.
How many crayons do I have? _____

3.
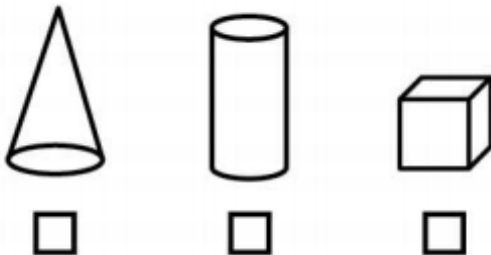Use < or > to show which is greater than or less than:
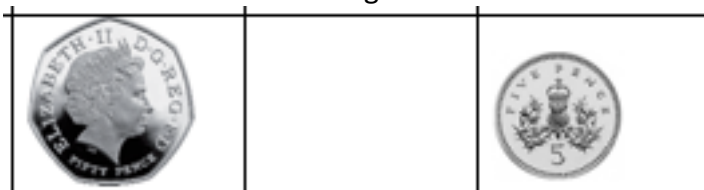
4.
Which shape has 4 sides?

☐   ☐   ☐
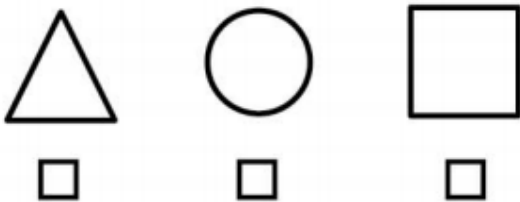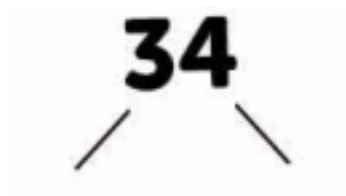
Which shape has 2 circle faces?

☐   ☐   ☐

5. Partition this number into tens and ones.

34

Extension: 12 + 5 =   12 + 35=   56 – 30 =