**A** Write the name of each shape.

| cone | cube | cuboid | cylinder | sphere |

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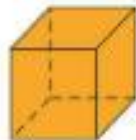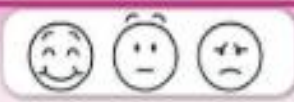
**B** Draw shapes that roll.

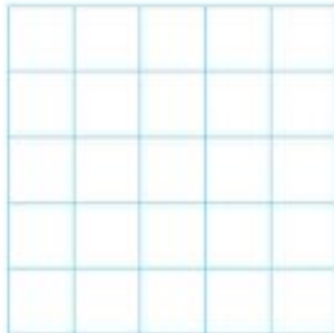Draw shapes that slide.

**C** Tick (✓) the monkeys that are most likely to fall.
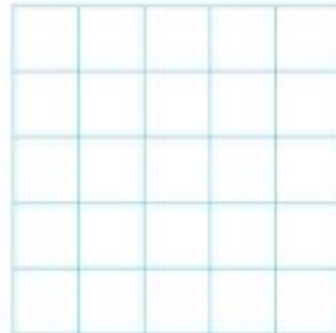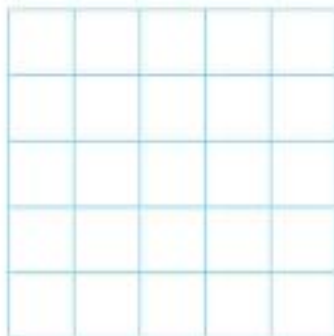
# 3-D Objects

1. Draw a cuboid.

2. Draw a cube.

3. Draw a cuboid with blue edges.

   (a) How many edges can you see? ☐

   (b) Are there hidden edges? ☐

   (c) How many edges altogether? ☐

   (d) Are there hidden faces? ☐

   (e) How many faces altogether? ☐

4. Draw a cube and colour the corners green.

   (a) How many corners can you see? ☐
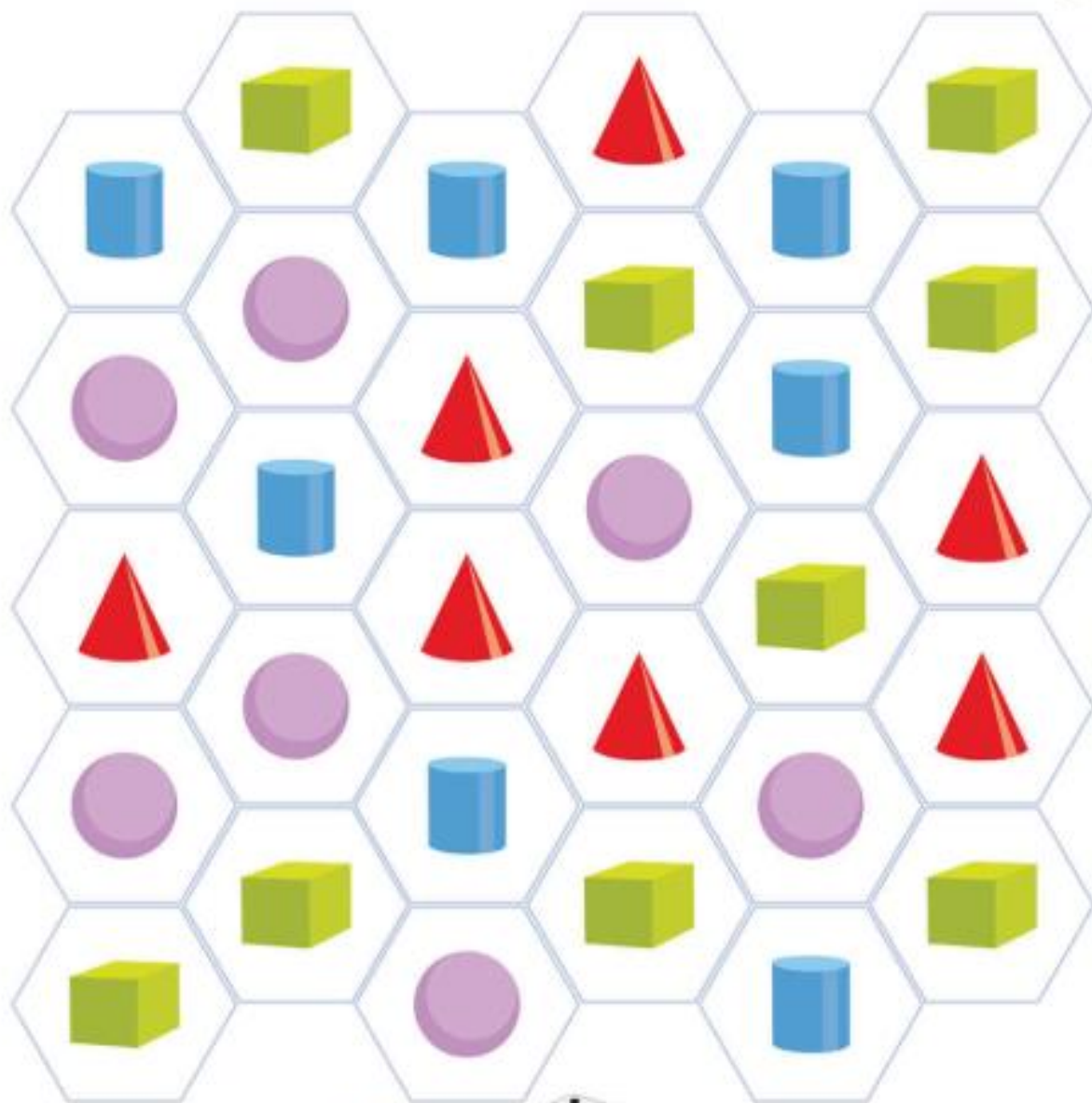
   (b) Are there hidden corners? ☐

   (c) How many corners altogether? ☐

   (d) Colour one face blue.

   (e) What 2-D shape is the face? _____

   (f) Are there hidden faces? _____

**Pair Work** You need ⬤⬤⬤⬤ and a 🎲. Take turns to throw the dice. Put your counter on the correct shape. If, for example, you throw a 1 and all cones are covered then you miss that turn. The first person to connect six 3-D shapes of any kind from side to side or up to down wins the game.

⚀ = 🔺 ⚁ = 🟩 ⚂ = 🟩

⚃ = 🔵 ⚄ = 🟣 ⚅ = free choice

Strand Shape and Space  Strand unit/Element 3-D shapes
Objectives/Learning outcomes Revision.

101

**A**



Map 1      Map 2      Map 1      Map 2

1. In Map 2, draw the picture if the **red car turns left** and the **yellow car turns right**.

2. In Map 2, draw the picture if the **yellow car turns left**, the **blue car turns right** and the **red car goes straight ahead**.

**B** Help the teacher to correct this homework! Use ✓ or ✗.

1. $76 - 32 = 45$ ☐

2. Double 12 is 24. ☐

3. 4 is $\frac{1}{4}$ of 20. ☐

4. $39 + 47 = 86$ ☐

5. $89 - 45 = 28$ ☐

6. eighty-nine = 98 ☐

7. Number 78 is two rows below the sixth row, to the right of 77, to the left of 79 and above 87. ☐

8. $33 + 28 > 85 - 24$ ☐

9. May is the fifth month of the year. ☐

10. 32 ☐ 23 ☐

| 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 |

**C** ♩ has one beat. ♩ is the same as two ♩. ♩♩ is the same as one ♩.

This piece of music has 20 beats altogether.

True ☐ False ☐

# Problem-solving 3

1. Write these numbers in the correct boxes.

| 25 | 52 | 85 | 33 | 54 | 30 | 60 | 5 | 95 | 23 |
| 10 | 88 | 35 | 53 | 40 | 13 | 39 | 44 | 80 | 42 |

|  | Counting in fives | Not counting in fives |
| --- | --- | --- |
| More than 50 |  |  |
| Less than 50 |  |  |

2. Write these numbers in the correct boxes.

| 40 | 16 | 70 | 71 | 10 | 80 | 65 | 91 | 20 | 83 |
| 100 | 74 | 58 | 24 | 30 | 28 | 90 | 43 | 38 | 60 |

|  | Counting in tens | Not counting in tens |
| --- | --- | --- |
| More than 50 |  |  |
| Less than 50 |  |  |

**Try This!**

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 20 | 30 | 40 | 50 |

Write these numbers in the above style, e.g. the number 20 is written *two ten*. Chinese numbers were based on a style similar to this.

1. 56 =

2. 11 = _____

3. 3 = _____

4. 28 = _____

5. 33 = _____

6. 18 = _____

7. 59 = _____

8. 45 = _____

9. 22 = _____