# Mathematics

**1.  Fill in the missing numbers.**                                              **(4)**

1.1

| 1 | 2 |  |  | 5 |  | 7 | 8 |  | 10 |
|---|---|---|---|---|---|---|---|---|---|

1.2

| 10 | 20 |  | 40 |  | 60 |  |  | 90 | 100 |
|----|----|---|----|---|----|---|---|----|-----|

**2.  Draw lines to match the words with the numbers.**                          **(3)**

| six | 4 |
|-----|---|
| four | 10 |
| ten | 6 |

**3.  Count the stars. Write the numbers in the boxes.**                         **(3)**

3.1  ☆☆☆☆☆☆☆  ☐

3.2  ☆☆☆☆☆☆☆☆☆☆☆☆  ☐

3.3  ☆☆☆  ☐

## 4. Look at the houses. (4)
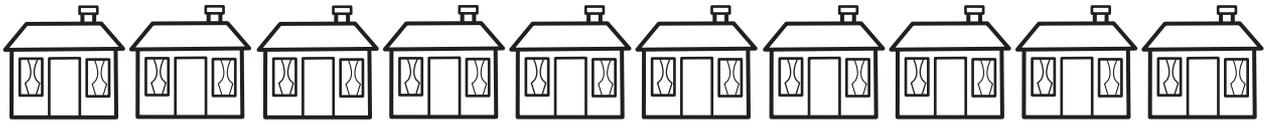


4.1    Colour the first house red.    4.2    Colour the third house blue.

4.3    Colour the last house green.    4.4    Colour the fifth house yellow.

## 5. Complete the number sequences. (4)

5.1

$14 + 3 = \boxed{\phantom{00}}$

$24 + 3 = \boxed{\phantom{00}}$

$34 + 3 = \boxed{\phantom{00}}$

$\boxed{\phantom{00}} + 3 = \boxed{\phantom{00}}$

5.2

$8 - 2 = \boxed{\phantom{00}}$

$18 - 2 = \boxed{\phantom{00}}$

$28 - 2 = \boxed{\phantom{00}}$

$\boxed{\phantom{00}} - 2 = \boxed{\phantom{00}}$

## 6. Halve the numbers. (3)

6.1    Half of 6 is $\boxed{\phantom{00}}$ .    6.2    Half of 8 is $\boxed{\phantom{00}}$ .

6.3    Half of 10 is $\boxed{\phantom{00}}$ .

## 7. Double the numbers. (3)

7.1    Double 2 is $\boxed{\phantom{00}}$ .    7.2    Double 4 is $\boxed{\phantom{00}}$ .

7.3    Double 10 is $\boxed{\phantom{00}}$ .

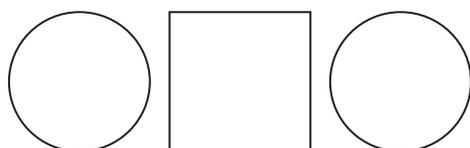**8. Count the birds in the picture.** **(2)**

8.1 Circle 8 birds.
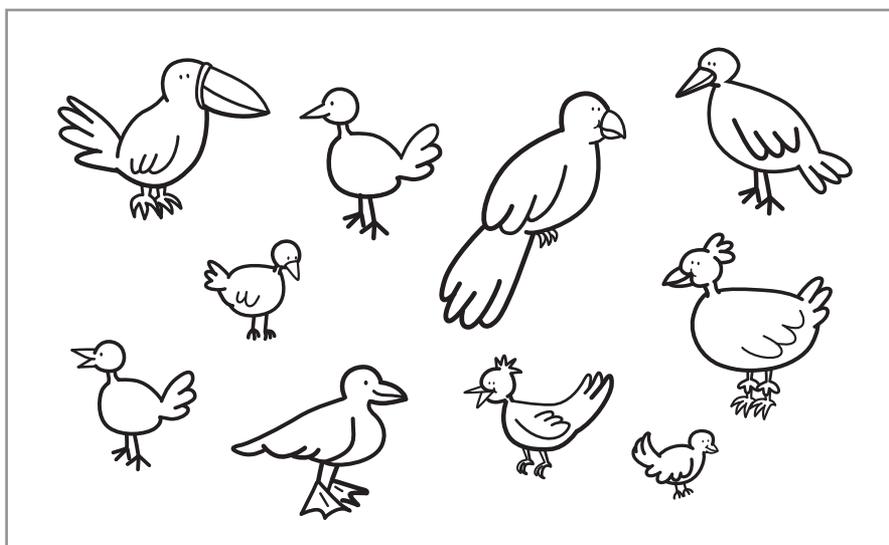
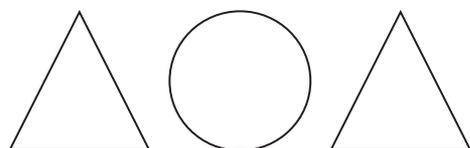8.2 How many birds are left? ☐

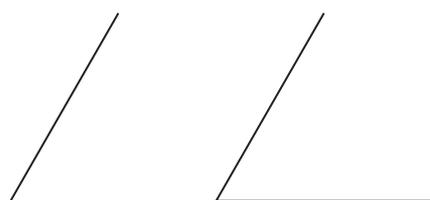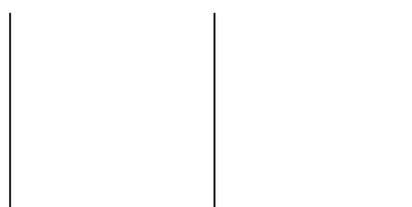**9. Complete the patterns.** **(2)**

9.1

9.2

**10. What comes next?** **(2)**

10.1

10.2

**11. Draw lines to match the sentences with the pictures.** **(4)**
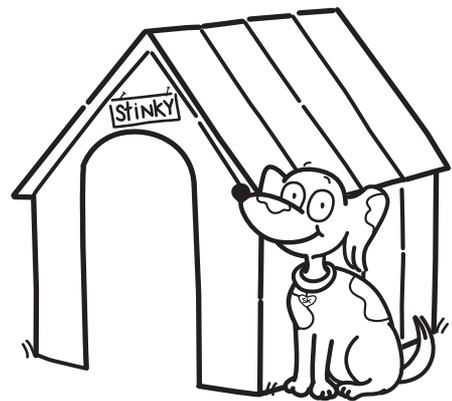
11.1    Stinky is next to his kennel.          a.
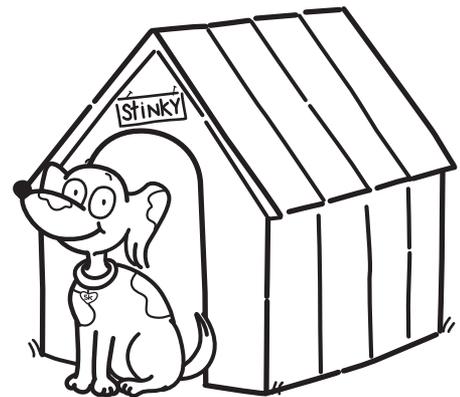


11.2    Stinky is behind his kennel.          b.
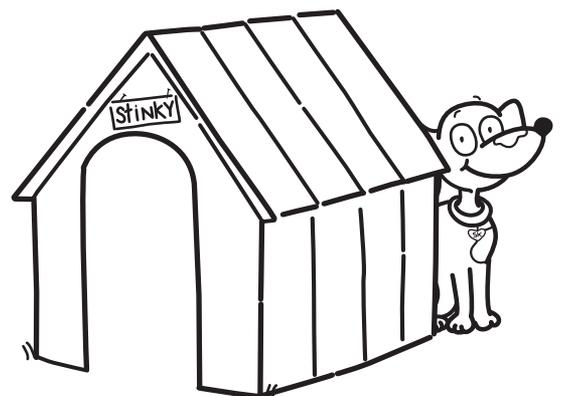


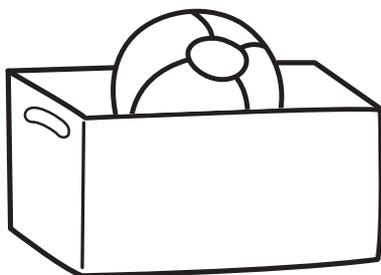11.3    Stinky is inside his kennel.          c.



11.4    Stinky is in front of his kennel.     d.

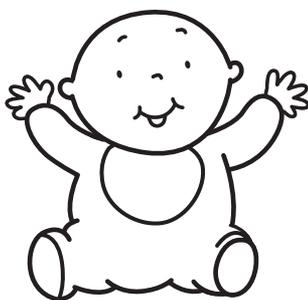**12. Is the ball inside the box? Circle the correct answer.** **(1)**
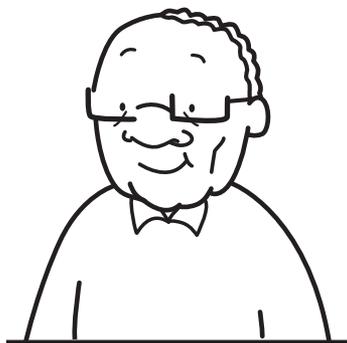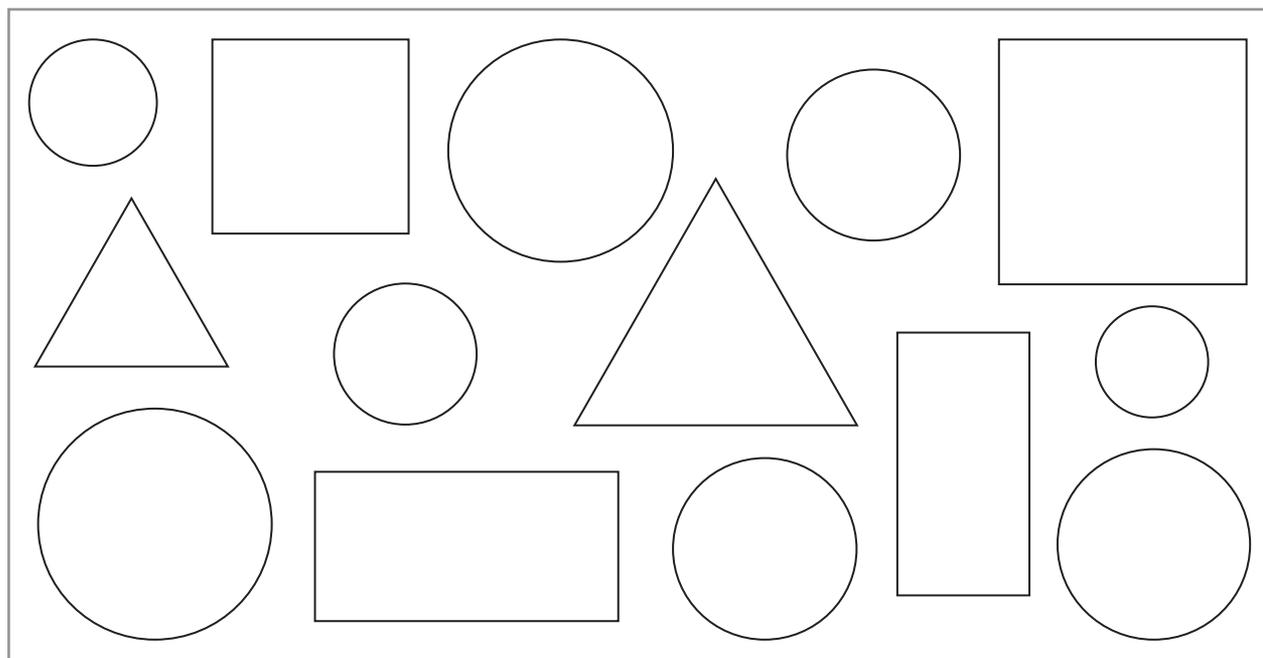


| yes | no |
|-----|-----|

**13. Number the pictures from youngest to oldest.** **(3)**



**14. Draw a cross (×) inside all the circles.** **(2)**

# Answers and skills tables

**Mathematics Test 1**

1.1    3, 4, 6, 9
1.2    30, 50, 70, 80          $(8 \times \frac{1}{2} = 4)$
2.     six 6, four 4, ten 10           (3)
3.1    7
3.2    11
3.3    3                             (3)
4.     Your child colours the first house red, the
       third blue, the fifth yellow and the last green. (4)
5.1    17, 27, 37, (44, 47)
5.2    6, 16, 26, (38, 36)         $(8 \times \frac{1}{2} = 4)$
6.1    3
6.2    4
6.3    5                             (3)
7.1    4
7.2    8
7.3    20                          (3)
8.     There are 10 birds.
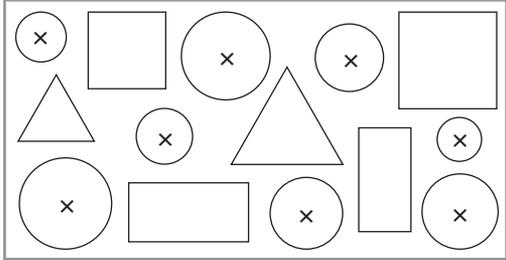8.1    Your child circles 8 birds.
8.2    2                             (2)
9.1



9.2                                      (2)



10.1



10.2                                 (2)



11.1    b.
11.2    d.
11.3    a.
11.4    c.                         (4)
12.     yes                       (1)
13.     1. baby, 2. boy, 3. older man     (3)
14.                                 (2)



**Total: 40**

| Section of the curriculum | Question number | Level of difficulty | Similar questions | More exercises for extra practice |
|---|---|---|---|---|
| **Numbers, operations and relationships** | 1 | easy | Test 2 Question 1<br>Test 3 Question 2<br>Test 4 Questions 1 & 5 | *Smart-Kids Mathematics* Grade 1 (blue pages) |
| | 2 | medium | Test 2 Questions 5 & 6<br>Test 3 Question 2<br>Test 4 Question 2 | *Smart-Kids Skills Adding and Subtracting* Grades 1 to 3 |
| | 3 | medium | Test 2 Question 2<br>Test 3 Question 2<br>Test 4 Question 6 | |
| | 4 | challenging | Test 2 Question 3 | *Smart-Kids Skills Multiplying and Dividing* Grades 1 to 3 |
| | 5 | challenging | Test 2 Question 4<br>Test 3 Question 3 | |
| | 6 | challenging | Test 1 Question 7<br>Test 2 Question 11<br>Test 3 Question 6 | |
| | 7 | challenging | Test 1 Question 6<br>Test 2 Question 11<br>Test 3 Question 6 | |
| | 8 | medium to challenging | Test 2 Question 2<br>Test 3 Question 1<br>Test 4 Question 6 | |

| Section of the curriculum | Question number | Level of difficulty | Similar questions | More exercises for extra practice |
|---|---|---|---|---|
| **Patterns, functions and algebra** | 9 | easy | Test 1 Question 10<br>Test 2 Question 15<br>Test 3 Question 12<br>Test 4 Questions 13 & 14 | *Smart-Kids Mathematics* Grade 1 (blue pages) |
| | 10 | medium | Test 1 Question 9<br>Test 2 Question 15<br>Test 3 Question 12<br>Test 4 Questions 13 & 14 | |
| **Space and shape** | 11 | medium | Test 1 Question 12<br>Test 2 Question 17<br>Test 3 Question 14 | *Smart-Kids Mathematics* Grade 1 (green pages) |
| | 12 | easy | Test 1 Question 11<br>Test 2 Question 17<br>Test 3 Question 14 | |
| **Measurement** | 13 | medium | Test 2 Questions 19 & 20<br>Test 3 Question 15<br>Test 4 Questions 18 & 19 | *Smart-Kids Mathematics* Grade 1 (red pages) |
| **Data handling** | 14 | medium | Test 2 Question 21<br>Test 3 Question 17<br>Test 4 Question 20 | *Smart-Kids Mathematics* Grade 1 (yellow pages) |

## Mathematics Test 2

1.    2, 5, 8, 10      $(4 \times \frac{1}{2} = 2)$
- ❶   7
- ❷   8
- ❸   2      (3)
3.1   2.2
3.2   2.3      (2)
4.1   −
4.2   −
4.3   +      (3)
5.1   seven
5.2   two
5.3   one      (3)
6.1   5
6.2   3
6.3   8      (3)
7.1   4
7.2   10      (2)
8.1   9
8.2   6      (2)
9.1   6
9.2   5      (2)

10.   Your child completes the dot-to-dot pattern of a snake.      (2)
11.   48      (1)
12.   35      (1)
13.   17      (1)
14.   42      (1)
15.1

15.2      (2)

16.   pyramid and triangle, television and rectangle, lollipop and circle      (3)
17.1   right
17.2   left      (2)
18.   Tuesday      (1)
19.   brick      (1)
20.   the short pencil      (1)
21.1   8
21.2   10      (2)

**Total: 40**