

MATHEMATICS

2ND CLASS

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PARENT PACK

1. Draw to show 1 turn anticlockwise.



2.
$$\begin{array}{r} 65 \\ + 23 \\ \hline \end{array}$$

3. $117c = €$ _____

4. $13 - 8 =$ _____

5.  Half past _____

6. $40 - 4 =$ _____

7. Write in order.

93, 163, 109, 136, 104

_____, 104, _____,

_____, _____

8. **SEPTEMBER**

SUN	MON	TUE	WED	THU	FRI	SAT
					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

What date is the last Sunday of the month?

9. How many Fridays in this September?

10. Seán had library books due every Monday. Write the dates.

_____, _____, _____, _____

1. $2 + 4 +$ _____ $= 12$

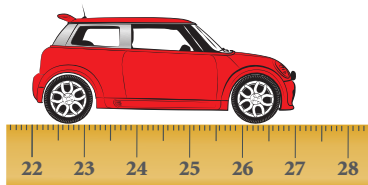
2. $9 - 3 =$ _____

3. $10 + 30 + 50 =$ _____

4. $60 - 4 =$ _____

5. $98 + 2 =$ _____

- 6.



How long is the toy car?

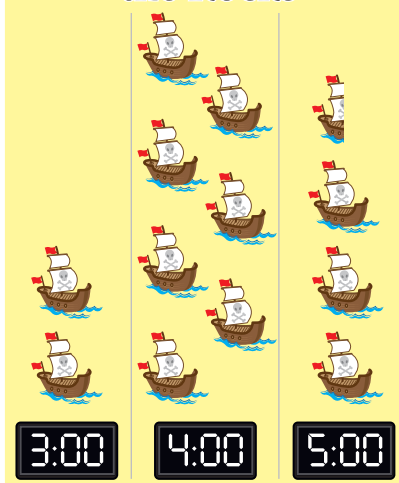
_____ cm

7. If you lined up 4 of these cars, what would the total length be?

_____ cm

8. $154c = €$ _____

Pirate Ships Passing the Rocks



Conor recorded the pirate ships passing by the rocks.

9. The busiest time was _____.

10. The quietest time was _____.

1. $80 - 6 =$ _____

2. $97 + 3 =$ _____

3. $9 +$ _____ $+ 3 = 15$

4. $70 - 10 =$ _____

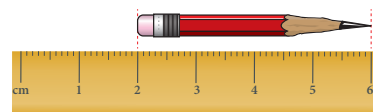
5. $86 - 80 =$ _____

6. Half past _____

or _____.



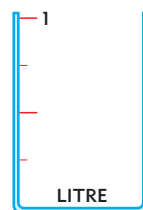
- 7.



Last week the pencil was 13 cm long. How much shorter is it?

_____ cm

8. Colour a $\frac{1}{4}$ litre.



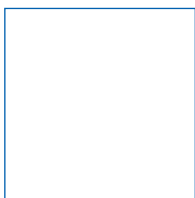
9. $100 - 6 =$ _____

10.

1	2	3	4	5
6	7	8	9	10
11	12	13	14	15
16	17	18	19	20

Count in 2s and colour the circles. Then count in 3s and colour the outside of the circles.

1. Draw two lines to make four triangles.



2. $11 - 8 =$ _____


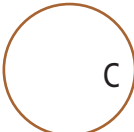
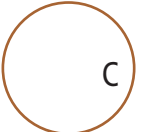
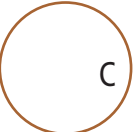
3. $7 +$ _____ $+ 5 = 15$

4. $124c = €$ _____

5. $9 - 5 =$ _____

6. 
= € _____

7. 80, 78, 76, 74, _____,
_____, 68

8. $€1 =$   C
 C  C

9. $76 - 6 =$ _____

10. Colour $\frac{1}{4}$ of the squares.



Monday

Helen placed a counter on 26 on a hundred square. She rolled a 5, 4, 6 and 3. What number was her counter on after the

1st roll? _____



Tuesday

2nd roll? _____

3rd roll? _____

Wednesday

Circle the change from €2.



Thursday

Write in the missing numbers.
Each number is different, odd and less than 10.

_____ + _____ + _____ = 17

1. $92 + 8 =$ _____

2. $90 - 10 =$ _____

3. $163c = €$ _____

4. Half past _____

or _____.



5. $4 + 9 =$ _____

6. $80 - 3 =$ _____

7. Look at Monday's calendar.
Nora had a party on the 23rd. She sent her invites a week earlier and the date was the _____.

8. In Tuesday's pictogram, how many more ships passed at 4 o'clock than at 3 o'clock?

9. Write in order.

146, 185, 104, 137, 170

_____, 137, _____,

_____, _____

10. Jill had 15 sweets but she gave 7 to her brother. Write this as a number sentence.

_____ - _____ = _____

11. $47 - 40 =$ _____

12. $40 + 30 + 20 =$ _____



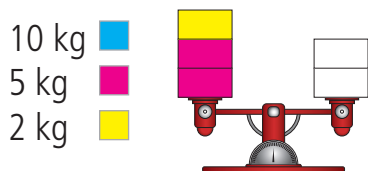
1. The left wheel shows

- ☐ half past 12.
☐ half past 5.
☐ five o'clock.

2. The right wheel shows

- ☐ half past 6.
☐ half past 5.
☐ five o'clock.

3. Colour to balance the scales.



4.
$$\begin{array}{r} 45 \\ + 23 \\ \hline \end{array}$$

5. $70 - 2 =$ _____

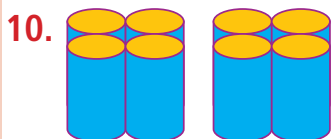
6. $127c = \text{€}$ _____

7. A trundle wheel is used for

- ☐ measuring distance.
☐ measuring weight.
☐ measuring time.

8. One hundred and fifty minus ten = _____

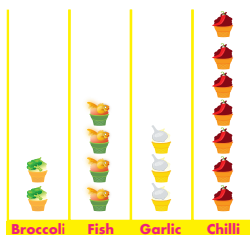
9. $33 + 10 =$ _____



How many cylinders? Write as a number sentence.

_____ + _____ = _____

2nd Class' Favourite Bizarre Ice Cream Flavours



1. Which flavour was the least popular?

2. Which flavour was the most popular?

3. How many more liked chilli than garlic? _____

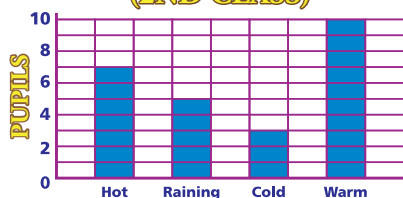
4. How many children voted altogether?

5. Half past _____

6. $20 - 8 =$ _____

7. $123c = \text{€}$ _____

FAVOURITE WEATHER (2ND CLASS)



8. How many liked warm more than cold? _____

9. Which weather was the most popular?

10. How many liked the wet weather?

1. Quarter to _____

or _____

2.
$$\begin{array}{r} 37 \\ + 52 \\ \hline \end{array}$$

3. $4 + 9 =$ _____

4. $40 - 10 =$ _____

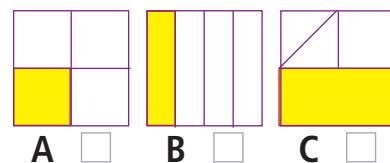
5. $18 - 9 =$ _____

6. $149c = \text{€}$ _____

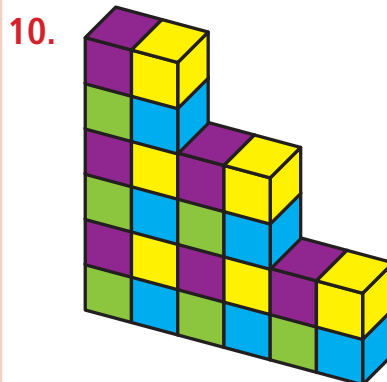
7. What number is missing from 185 to 195?

191, 187, 185, 195, 190,
188, 186, 194, 192, 189

8. Tick the square that is not coloured as $\frac{1}{4}$.



9. 48, 52, 56, _____, 64, 68, 72



How many cubes have been used?

THURSDAY

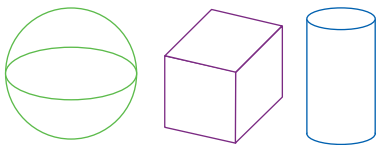
- $11 - 9 = \underline{\hspace{2cm}}$
- $100 - 6 = \underline{\hspace{2cm}}$
- $17 + \underline{\hspace{2cm}} = 20$
- $90 - \underline{\hspace{2cm}} = 88$

5. Pick the correct sign.

$< \quad > \quad =$

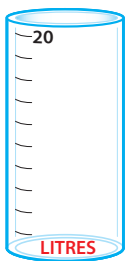
$\frac{1}{4}$ of 20 $\underline{\hspace{1cm}}$ $\frac{1}{2}$ of 10

6. Colour the shapes that can stack.

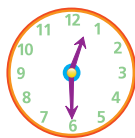


7. Round 94. $\underline{\hspace{2cm}}$

8. Colour to show 12 litres.



9. Half past $\underline{\hspace{2cm}}$
or $\underline{\hspace{2cm}}$.



10. $17 - 8 = \underline{\hspace{2cm}}$

PROBLEM-SOLVING

Monday

Amy has 27 stickers. She has the same number of each sticker. How many of each sticker has she?



$\underline{\hspace{2cm}} \quad \underline{\hspace{2cm}} \quad \underline{\hspace{2cm}}$

Tuesday

A dance class has an equal number of boys and girls. There are 28 children in the class. How many boys?



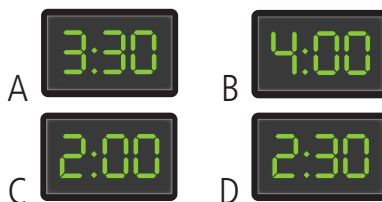
$\underline{\hspace{2cm}}$

Wednesday

There were 20 people on the bus. 8 people got off and 5 more got on. How many were on the bus then?

$\underline{\hspace{2cm}}$

Thursday



All times are in the afternoon. Which 2 clocks are 1 hour apart?

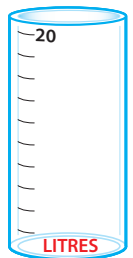
$\underline{\hspace{2cm}}$ and $\underline{\hspace{2cm}}$

FRIDAY REVIEW

- $30 - 3 = \underline{\hspace{2cm}}$
- $43 + \underline{\hspace{2cm}} = 50$
- $9 + 5 = \underline{\hspace{2cm}}$
- In Tuesday's pictogram, which 2 flavours add up to 11?
 $\underline{\hspace{2cm}}$ and $\underline{\hspace{2cm}}$

5. $141c = \text{€} \underline{\hspace{2cm}}$

6. Colour to show $\frac{1}{4}$ full.



7. How many more litres are needed to fill the container?
 $\underline{\hspace{2cm}}$ litres

8. Draw the clock hands to match the digital time.



9. 60, 64, 68, 72, 76, $\underline{\hspace{2cm}}$,
84, $\underline{\hspace{2cm}}$, 92, 96, 100

10. $72 - 2 = \underline{\hspace{2cm}}$

11. Tick the shapes that have $\frac{1}{4}$ coloured.





12. $9 + \underline{\hspace{2cm}} = 17$

NEW WAVE MENTAL MATHS (2nd Class Book) – Answers

<p>6. 12 7. 3 8. half, 3 9. 4 10. 50 11. 4 12. 14</p> <p>WEEK 26 pages 52 – 53</p> <p>Monday</p> <p>1. 5, 2, 4 2. 7 3. 20 4. 78 5. 7 6. 3 7. 19 8. 110 9. 7, 6.45 10. Teacher check</p> <p>Tuesday</p> <p>1. 35 2. 45 3. 3, 4, 7 4. 89 5. 2 6. 6:30 7. 180 8. Teacher check 9. 80 10. 4</p> <p>Wednesday</p> <p>1. centimetres 2. 17 3. 18 4. 2 5. 20 6. 97 7. 5 8. 80 9. 9.30 10. 2</p> <p>Thursday</p> <p>1. 1, 1.30 2. 12 3. 7 4. 7 5. 20 6. 80 7. Teacher check 8. 101 9. 1.26 10. 85</p> <p>Problem-Solving</p> <p>Monday 12 Tuesday 5</p>	<p>Wednesday 1 Thursday 12</p> <p>Friday</p> <p>1. 13 2. 80 3. 40 4. 90 5. 11, 11.30 6. 6 7. 21 8. half hour 9. 78 10. 10-2=8 11. 98 12. 122</p> <p>WEEK 27 pages 54 – 55</p> <p>Monday</p> <p>1. Teacher check 2. 17 3. 194, 196 4. 10 5. 96 6. 72 7. Teacher check 8. B 9. 18 10. 5</p> <p>Tuesday</p> <p>1. 20c, 10c, 5c 2. 8 3. 11 4. 90 5. 85 6. 12:30 7. Teacher check 8. Teacher check 9. Teacher check 10. 119, 138, 140, 179</p> <p>Wednesday</p> <p>1. Teacher check 2. 63 3. 58 4. 40 5. 5 6. 3, 2.45 7. 13 8. Friday 9. Monday and Tuesday 10. 4</p> <p>Thursday</p> <p>1. 10 2. 10.30 3. Teacher check 4. 4 5. 86 6. 69</p>	<p>7. 4 8. 100, 50, 6 9. Teacher check 10. 2</p> <p>Problem-Solving</p> <p>Monday 1, 2 Tuesday 4, 5 Wednesday 20 Thursday 12</p> <p>Friday</p> <p>1. 50 2. 15 3. 97 4. 13 5. 5:30 6. 13 7. 65 8. Teacher check 9. cone 10. 4 11. 10 12. 90</p> <p>WEEK 28 pages 56 – 57</p> <p>Monday</p> <p>1. 8 2. 19 3. 8 4. 10 5. 184, 188 6. 1 7. 72 8. Teacher check 9. 84 10. face</p> <p>Tuesday</p> <p>1. Teacher check 2. 12 3. 3 4. 90 5. 30 6. 197 7. 9 8. blue 9. 3 10. green</p> <p>Wednesday</p> <p>1. 6 2. 5 3. 18 4. 7 5. 24 6. 13 7. 8 8. 6 9. Teacher check 10. 25th</p>	<p>Thursday</p> <p>1. 8 2. 8:30 3. 68 4. 7 5. 87 6. add 4 7. 23 8. 50c, 50c 9. Teacher check 10. yellow, blue, blue</p> <p>Problem-Solving</p> <p>Monday 15 Tuesday 10c, 10c, 20c Wednesday 16, 37 10 Thursday 7, 3, 5 or 9, 1, 5</p> <p>Friday</p> <p>1. 154 2. 15 3. 4 4. 14 5. 26 6. 11 7. carrot 8. False 9. 77 10. 7 11. 27 12. more</p> <p>WEEK 29 pages 58 – 59</p> <p>Monday</p> <p>1. Teacher check 2. Teacher check 3. Teacher check 4. 16 5. 5 6. 1.35 7. 75 8. black 9. blue 10. 14</p> <p>Tuesday</p> <p>1. maths 2. 13 3. 1.29 4. 50 5. 6 6. 190 7. 28 8. 2, 2.15 9. 5 10. 4</p>	<p>Wednesday</p> <p>1. 8, 7.45 2. C, B, A 3. 48 4. 21 5. 9 6. 54 7. 1.42 8. cat 9. fish 10. 12</p> <p>Thursday</p> <p>1. 4 2. Teacher check 3. Teacher check 4. 21 5. 78 6. 10 7. 38 8. 2 euro coin 9. 4, 4.15 10. yellow x4</p> <p>Problem-Solving</p> <p>Monday B, C Tuesday maths Wednesday 12 Thursday Teacher check</p> <p>Friday</p> <p>1. 48 2. 21 3. 7, 7.15 4. 16 5. 7 6. 87 7. 7 8. 1.03 9. 149 10. yellow, yellow 11. 10 12. 9</p> <p>WEEK 30 pages 60 – 61</p> <p>Monday</p> <p>1. Teacher check 2. 88 3. 1.17 4. 5 5. 5 6. 36 7. 93, 109, 136, 163 8. 24th 9. 5 10. 4, 11, 18, 25</p> <p>Tuesday</p> <p>1. 6 2. 6</p>
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NEW WAVE MENTAL MATHS (2nd Class Book) – Answers

<p>3. 90 4. 56 5. 100 6. 5 7. 20 8. 1.54 9. 4.00 10. 3.00</p> <p>Wednesday</p> <p>1. 74 2. 100 3. 3 4. 60 5. 6 6. 7, 7.30 7. 9 8. Teacher check 9. 94 10. Teacher check</p> <p>Thursday</p> <p>1. Teacher check 2. 3 3. 3 4. 1.24 5. 4 6. 1.90 7. 72, 70 8. 20c, 20c, 10c 9. 70 10. Teacher check</p> <p>Problem-Solving</p> <p>Monday 31 Tuesday 35, 41 Wednesday 50c, 5c Thursday 9, 1, 7</p> <p>Friday</p> <p>1. 100 2. 80 3. 1.63 4. 2, 2.30 5. 13 6. 77 7. 16th 8. 5 9. 104, 146, 170, 185 10. 15-7=8 11. 7 12. 90 7. measuring distance 8. 140 9. 43 10. $4 + 4 = 8$Week 31 pages 62–63</p> <p>Monday</p> <p>1. five o'clock 2. half past 5 3. Teacher check</p>	<p>4. 68 5. 68 6. 1.27 7. measuring distance 8. 140 9. 43 10. $4 + 4 = 8$</p> <p>Tuesday</p> <p>1. Broccoli 2. Chilli 3. 4 4. 16 5. 10 6. 12 7. 1.23 8. 7 9. warm 10. 5</p> <p>Wednesday</p> <p>1. 3, 2.45 2. 89 3. 13 4. 30 5. 9 6. 1.49 7. 193 8. C 9. 60 10. 24</p> <p>Thursday</p> <p>1. 2 2. 94 3. 3 4. 2 5. < 6. Teacher check 7. 90 8. Teacher check 9. 12, 12.30 10. 9</p> <p>Problem-Solving</p> <p>Monday 9, 9, 9 Tuesday 14 Wednesday 17 Thursday A, D</p> <p>Friday Review</p> <p>1. 27 2. 7 3. 14 4. Chilli and Fish 5. 1.41 6. Teacher check 7. 15 8.  9. 80, 88</p>	<p>10. 70 11. Teacher check 12. 8</p> <p>Week 32 pages 64–65</p> <p>Monday</p> <p>1. 20 2. 78 3. 4 4. 7 5. Teacher check 6. 7 7. 7:30 8. Teacher check 9. 77 10. 90</p> <p>Tuesday</p> <p>1. 24 2. 8 3. 1.69 4. Teacher check 5. 24 6. 6 7. 24 8. autumn 9. banana 10. pear</p> <p>Wednesday</p> <p>1. $8 + 8 + 8 = 24$ 2. 9 3. 60 4. 18 5. 1.87 6. 57 7. 6 8. summer 9. 100 30 + 4 10. 99</p> <p>Thursday</p> <p>1. A 2. 25 3. 7 4. 2 5. 8, 8.15 6. 20 7. 69 8. 36 9. Teacher check 10. 1.97</p> <p>Problem-Solving</p> <p>Monday 20 Tuesday 12 Wednesday 4 Thursday 24</p>	<p>Friday Review</p> <p>1. Teacher check 2. 60 3. 15 4. 9 5. 7 6. 14 7. winter 8. 8 9. 7 10. Teacher check 11. 57 12. 111</p> <p>Week 33 pages 66–67</p> <p>Monday</p> <p>1. Teacher check 2. 12 3. 7 4. 5 cent coin 5. 26 6. = 7. 7, 6.45 8. $50 + 50 + 50 = 1.50$ 9. 18 10. 4</p> <p>Tuesday</p> <p>1. Teacher check 2. Teacher check 3. 12, 12.15 4. 2 5. 10 weeks 6. 107 7. 94 8. 104 9. 21 10. 6</p> <p>Wednesday</p> <p>1. Teacher check 2. 7 3. 92 4. 5 5. 62 6. 4 7. Teacher check 8. Teacher check 9. 27 10. 8</p> <p>Thursday</p> <p>1. Teacher check 2. 63 3. 1.60 4. 23 5. 98 6. 9</p>	<p>7. 196, 187, 180, 172 8. 42 9. 14 10. 14</p> <p>Problem-Solving</p> <p>Monday 13 Tuesday 8 Wednesday 6, 3, 9 Thursday 1.05</p> <p>Friday Review</p> <p>1. 5 2. 72 3. 12 4. 14 5. 179, 184, 193, 197 6. 80 7. 115 8. 7 9.  10. 103 11. Teacher check 12. 9</p> <p>Week 34 pages 68–69</p> <p>Monday</p> <p>1. cylinder 2. 5 3. 15 4. 95 5. 125 6. 104 7. 6 8. 8 9. 11 10. 3</p> <p>Tuesday</p> <p>1. Teacher check 2. 14 3. 82 4. 10 5. 43 6. summer 7. 4:30 8. 100 9. 6 10. 12</p> <p>Wednesday</p> <p>1. 51 2. 29 3. 3 4. Teacher check 5. < 6. 10</p>
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ADDITION PROBLEMS

NUMBER

TEACHER INFORMATION

Objectives

Solves vertical addition operations with trading.
Solves addition word problems.

Concepts required

Place value
Addition of two-digit numbers with trading
Problem solving

Answers

- | | | |
|---------------------------|--------------------------|--------|
| 1. (a) 31 | (b) 41 | (c) 70 |
| (d) 76 | (e) 81 | |
| 2. (a) $9 + 7 = 16$ toys | (b) $7 + 11 = 18$ pupils | |
| (c) $12 + 9 = 21$ flowers | | |
| 3. (a) 49 pupils | (b) 54 goals | |
| (c) 84 sandwiches | (d) 83 runs | |

ADDITION PROBLEMS

NUMBER

1. (a) $\begin{array}{r} 17 \\ + 14 \\ \hline \end{array}$ (b) $\begin{array}{r} 26 \\ + 15 \\ \hline \end{array}$ (c) $\begin{array}{r} 45 \\ + 25 \\ \hline \end{array}$ (d) $\begin{array}{r} 39 \\ + 37 \\ \hline \end{array}$ (e) $\begin{array}{r} 34 \\ + 47 \\ \hline \end{array}$

2. Write the number sentence and solve the addition problem.

- (a) Kate had nine toys and Eve had seven. How many toys altogether?

$$\square + \square = \square \text{ toys}$$

- (b) There were seven pupils in one group and 11 in another. How many pupils were there altogether?

$$\square + \square = \square \text{ pupils}$$

- (c) There were 12 flowers on one plant and nine flowers on another. How many flowers were there altogether?

$$\square + \square = \square \text{ flowers}$$

3. Set the stories out as vertical addition sums and solve them.

- (a) There are 24 pupils in one class and 25 in another. How many pupils are there altogether?

$$\begin{array}{r} \square \\ \square \\ \hline \end{array} \square \text{ pupils}$$

- (b) One team scored 28 goals and the other scored 26 goals. How many goals were scored altogether?

$$\begin{array}{r} \square \\ \square \\ \hline \end{array} \square \text{ goals}$$

- (c) Forty-five pupils ordered salad sandwiches and 39 pupils ordered chicken sandwiches. How many sandwiches were ordered altogether?

$$\begin{array}{r} \square \\ \square \\ \hline \end{array} \square \text{ sandwiches}$$

- (d) Jane scored 56 runs and Nadeem scored 27 runs. What was the total amount of runs scored?

$$\begin{array}{r} \square \\ \square \\ \hline \end{array} \square \text{ runs}$$

PUPIL NAME

TEACHER INFORMATION

Objectives

Identifies coins.
Identifies equivalent groups of coins.

Concepts required

Knowledge of coins
Adding the value of sets of coins
Identifying equivalent values
Ordering amounts





















Answers

1. (a) 20c
(b) 30c
(c) 65c
(d) €1.00
(e) €2.00
(f) €3.85
2. Teacher check
3. (a) 5c, 10c, 20c, 50c
(b) 10c, 20c, 50c, €1, €2
(c) 5c, 25c, 30c, 50c, €1.50
(d) 15c, 75c, €1.50, €2, €2.50
(e) 50c, 90c, €1, €2, €3, €4





MONEY – COINS

NUMBER

1. Calculate the total amount of each group of coins.

- (a)  
- (b)  
- (c)     
- (d)  
- (e)   
- (f)      

2. Write two sets of equivalent coins to make each amount.

- (a) 
- (b) 
- (c) 
- (d) 

3. Order the amounts from smallest to largest.

- (a) 20c, 5c, 50c, 10c _____
- (b) 10c, €1, 20c, €2, 50c _____
- (c) 30c, 50c, €1.50, 5c, 25c _____
- (d) €2, 75c, 15c, €2.50, €1.50 _____
- (e) 90c, €4, €1, €2, 50c, €3 _____

PUPIL NAME

TEACHER INFORMATION

Objective

Identifies lines of symmetry and completes symmetrical pictures.

Concepts required

Understands a line of symmetry divides a shape or object into two equal halves.

Materials needed

Coloured pencils

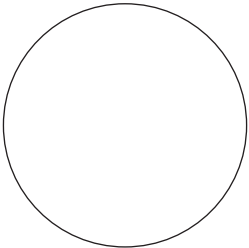
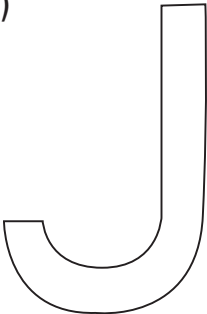

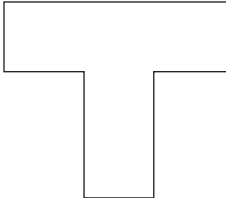
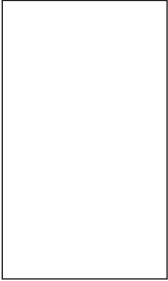
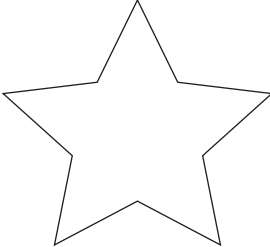
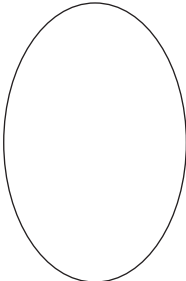
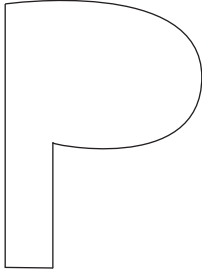
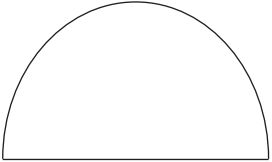
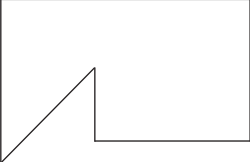
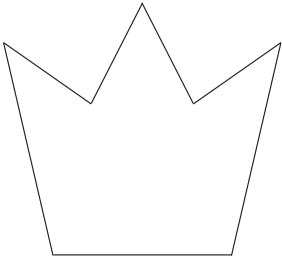
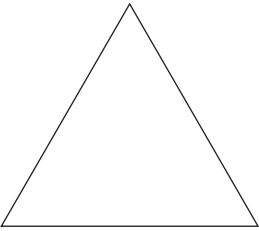
Answers

1. Symmetrical shapes—a, c, d, e, f, g, i, k, l
Teacher check lines of symmetry
2. Teacher check

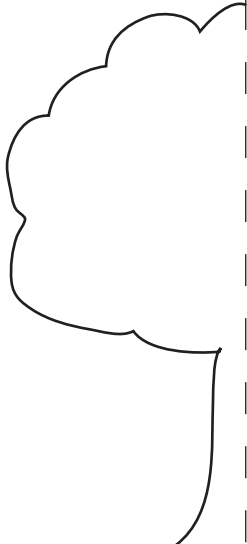
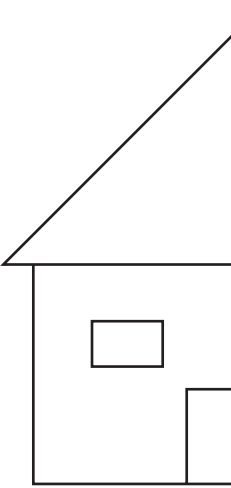
SYMMETRY

SHAPE

1. *Decide which shapes are symmetrical. Draw one line of symmetry on those that are. Colour those that are not.*

(a) 	(b) 	(c) 	(d) 
(e) 	(f) 	(g) 	(h) 
(i) 	(j) 	(k) 	(l) 

2. *Complete the pictures so they are symmetrical.*

(a) 	(b) 
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PUPIL NAME