

Year 5 Maths Pack – Answers to Pack 2

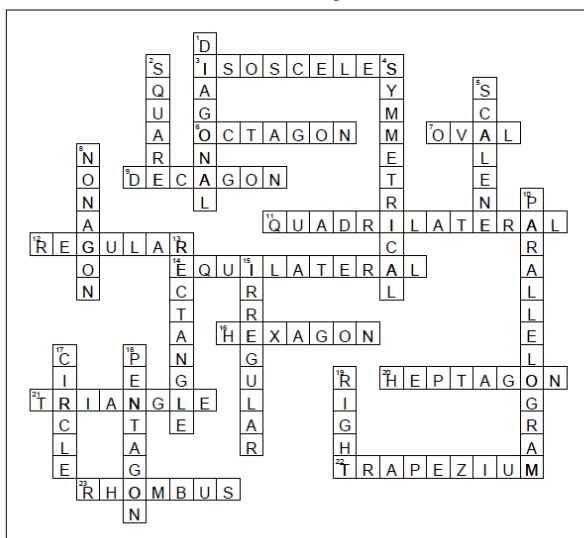
Day 1 – Money Problems

- 1) £3.71 / change - £6.29
- 2) You can buy 2 white loaves of bread costing £3.38 and you will have £1.22 change
- 3) The pretzel and a French stick are cheaper at £1.12
- 4) You can buy 3 croissants / change = 49p
- 5) White loaf
- 6) £5.22 / No – you can't afford another croissant
- 7) £8.31

Day 2 and Day 3 – Your answers will differ depending on what you choose to do

Day 4

2 D shapes





Day 5

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1. Any regular polygon.
2. A rectangle with a length of 8cm and width of 4cm.
3. Any polygon with two opposite acute angles and two opposite obtuse angles.
4. A right-angled triangle.
5. Description D
6. Description B or E
7. Description A or B
8. Description C or D

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1. A polygon is a 2D (flat) shape with straight sides.
2. Equilateral triangle; 3 equal sides, 3 equal angles
3. Rectangle; 2 opposite pairs of equal and parallel sides, 4 right-angles
4. Regular pentagon; 5 equal sides, 5 equal angles
5. Irregular octagon; 8 unequal sides, 1 right angle and 7 obtuse angles
6. Kite; 2 adjacent pairs of equal sides, 1 right-angle
7. A drawing of a scalene right-angled triangle.
8. A drawing of an equilateral triangle.
9. A drawing of a pentagon with three right angles, e.g. 
10. A drawing of a trapezium with 2 right angles, e.g. 

Think. Circle, semi-circle, oval.

Day 6

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1. arrowhead, three acute, one reflex
2. rhombus, two acute, two obtuse
3. arrowhead, two acute, one reflex (the point is a right angle)

4. rhombus, two acute, two obtuse
5. kite, one acute, three obtuse
6. trapezium, two acute, two obtuse
7. kite, one acute, three obtuse
8. rhombus, two acute, two obtuse
9. trapezium, two acute, two obtuse

10. True
11. True
12. True
13. True
14. False
15. False
16. False
17. True
18. True

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i.

| | square | rectangle | parallelogram | rhombus | trapezium | kite | arrowhead |
|-------------------------------------|--------|-----------|---------------|---------|-----------|--------|-----------|
| Has 4 sides | blue | blue | blue | blue | blue | blue | blue |
| Has all sides the same length | blue | yellow | yellow | blue | red | red | red |
| Has only one pair of parallel sides | red | red | red | red | blue | red | red |
| Has two pairs of parallel sides | blue | blue | blue | blue | red | red | red |
| Has opposite sides equal | blue | blue | blue | blue | yellow | red | red |
| Has adjacent sides equal | blue | yellow | yellow | blue | yellow | blue | blue |
| Has line symmetry | blue | blue | yellow | blue | yellow | blue | blue |
| Has a right angle | blue | blue | yellow | red | yellow | yellow | yellow |
| Has an obtuse angle | red | red | yellow | blue | blue | blue | yellow |
| Has a reflex angle | red | red | red | red | red | red | blue |

Day 7 & 8

Page 11

1. £7.30
2. £2.21
3. £14.99
4. £9.20
5. £8.51
6. £17.30
7. £56.10

Page 12

1. £3.74
2. £18.40
3. £5.50
4. £12.14
5. £2.05
6. 4 rides in total
7. £7
8. 53p

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1. £6.80
2. £28.97
3. No; £1.32
4. Yes (total spend £29.84)
5. £16.14
6. In shop £27.99; online £27.47, which is 52p cheaper.

Day 9

Page 14

1. $\frac{4}{5}$
2. $\frac{3}{2} = 1\frac{1}{2}$
3. $\frac{6}{8} = \frac{3}{4}$
4. $\frac{8}{5} = 1\frac{3}{5}$
5. $\frac{2}{4} = \frac{1}{2}$
6. $\frac{14}{8} = 1\frac{3}{4}$
7. $\frac{6}{3} = 2$
8. $\frac{6}{5} = 1\frac{1}{5}$
9. $\frac{9}{4} = 2\frac{1}{4}$
10. $\frac{6}{7}$
11. $\frac{12}{5} = 2\frac{2}{5}$
12. $\frac{9}{7} = 1\frac{2}{7}$
13. $\frac{8}{3} = 2\frac{2}{3}$
14. $\frac{4}{4} = 1$
15. $\frac{8}{7} = 1\frac{1}{7}$
16. $\frac{12}{5} = 2\frac{2}{5}$
17. $\frac{20}{6} = 3\frac{1}{3}$
18. $\frac{8}{5} = 1\frac{1}{5}$
19. $\frac{65}{6} = 10\frac{5}{6}$
20. $\frac{50}{8} = 6\frac{1}{4}$
21. $\frac{20}{7} = 2\frac{6}{7}$
22. $\frac{30}{6} = 5$
23. $\frac{60}{4} = 15$
24. $\frac{55}{5} = 11$

Day 10

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1. $2118 \times 4 = 8472$
2. $3207 \times 3 = 9621$
3. $2627 \times 4 = 10\,508$
4. $2117 \times 5 = 10\,585$
5. $3814 \times 3 = 11\,442$
6. $1241 \times 8 = 9928$
7. $3416 \times 4 = 13\,664$
8. $5259 \times 3 = 15\,777$
9. $2616 \times 5 = 13\,080$
10. $9243 \times 3 = 27\,729$
11. $3182 \times 6 = 19\,092$
12. $9013 \times 7 = 63\,091$