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1. Area 28 m², Perimeter 22 m
2. Area 56 m², Perimeter 36 m
3. Area 54 m², Perimeter 30 m
4. Area 72 m², Perimeter 34 m
5. Area 51 m², Perimeter 40 m
6. Area 96 m², Perimeter 44 m
7. The perimeter of garden 6 is twice that of garden 1.

Think. No they do not have the same area. Rectangles drawn with a perimeter of 12 units, for example, 1 × 5, 2 × 4, 3 × 3, will have areas of 5, 8 or 9 square units respectively.

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1. approx 13 unit²
 2. approx 10 unit²
 3. approx 11 unit²
 4. Area 33 cm², Perimeter 28 cm
 5. Area 29 cm², Perimeter 24 cm
 6. Area 20 cm², Perimeter 30 cm
 7. Area 42 cm², Perimeter 42 cm
- Think. Answers will vary.

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1. Area 21 m², Perimeter 20 m
 2. Area 69 m², Perimeter 38 m
 3. Area 74 m², Perimeter 40 m
 4. Area 147 m², Perimeter 56 m
 5. Area 118 m², Perimeter 56 m
 6. Area 610 m², Perimeter 130 m
- Think. 9 cm²

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1. 6 cm
2. 3 cm
3. 9 cm
4. 4 cm
5. 10 cm
6. 3 cm
7. 6 cm
8. 5 cm
9. 3 cm
10. 8 cm

Think. 2 cm and 5 cm

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1. 5 cm, Perimeter 18 cm
2. 7 cm, Perimeter 20 cm
3. 6 cm, Perimeter 20 cm
4. 8 cm, Perimeter 22 cm
5. 6 cm, Perimeter 26 cm

6. 3 cm, Area 21 cm²
7. 5 cm, Area 45 cm²
8. 7 cm, Area 28 cm²
9. 6 cm, Area 48 cm²
10. 7 cm, Area 63 cm²

Think. The shape could be a rectangle. Sides of 7 cm and 3 cm.

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1. 100 cm³
 2. 60 cm³
 3. 160 cm³
 4. 48 cm³
 5. 200 cm³
 6. 330 cm³
- Think. 5 cm

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1. 288 ml
2. 300 ml
3. 132 ml
4. 96 ml
5. 400 ml
6. 343 ml

Think. Answers may vary, for example, 10 cm × 10 cm × 10 cm.

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1. Area 34 cm², Perimeter 28 cm
 2. Area 39 cm², Perimeter 32 cm
 3. Area 39 cm², Perimeter 32 cm
 4. 1200 cm³, 1200 ml
 5. 280 cm³, 280 ml
- Think. 8 cm; cuboids with a capacity of 480 ml.

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1. 10%, $\frac{10}{100} = \frac{1}{10}$
2. 25%, $\frac{25}{100} = \frac{1}{4}$
3. 30%, $\frac{30}{100} = \frac{3}{10}$
4. 80%, $\frac{80}{100} = \frac{4}{5}$
5. 50%, $\frac{50}{100} = \frac{1}{2}$
6. 15%, $\frac{15}{100} = \frac{3}{20}$
7. 95%, $\frac{95}{100} = \frac{19}{20}$
8. 75%, $\frac{75}{100} = \frac{3}{4}$
9. 10%
10. 70%
11. 35%
12. 25%
13. 50%
14. 70%
15. 75%
16. 20%

Think. Answers will vary.

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1. 60%, 40%
2. 30%, 70%
3. 15%, 85%
4. 75%, 25%
5. 40%, 60%
6. 22%, 78%
7. 83%, 17%
8. 43%, 57%
9. 80%
10. 10%
11. 45%
12. 95%
13. 1%
14. 50%
15. 25%
16. 75%
17. 20%
18. 70%
19. $\frac{30}{100}$ or $\frac{3}{10}$
20. $\frac{25}{100}$ or $\frac{1}{4}$
21. $\frac{90}{100}$ or $\frac{9}{10}$
22. $\frac{20}{100}$ or $\frac{1}{5}$
23. $\frac{10}{100}$ or $\frac{1}{10}$
24. $\frac{75}{100}$ or $\frac{3}{4}$
25. $\frac{70}{100}$ or $\frac{7}{10}$
26. $\frac{110}{100}$ or $\frac{11}{10}$

Think. Answers will vary.

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1. $\frac{1}{2}$, 50%
 2. $\frac{1}{4}$, 25%
 3. $\frac{1}{10}$, 10%
 4. $\frac{3}{4}$, 75%
 5. $\frac{7}{10}$, 70%
 6. $\frac{9}{10}$, 90%
 7. £20, £10
 8. £30, £15
 9. £10, £5
 10. £40, £20
 11. £12, £6
 12. £18, £9
 13. £3, £6, £9
 14. £5, £10, £15
 15. £2.50, £5, £7.50
- Think. 25% of £40 = £10