

ANSWERS

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- 1 a) 268 b) 696 c) 468 d) 1555 e) 1407 f) 1869
- 2 a) 844 b) 609 c) 1005 d) 2109 e) 1570 f) 4548
- 3 odd: $8883 \div 9 = 987$, $2569 \div 7 = 367$,
 $387 \times 5 = 1935$; even: $642 \times 7 = 4494$,
 $921 \times 8 = 7368$, $5922 \div 6 = 987$, $243 \times 6 = 1458$

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- 1 a) $(8 \times 7) + (8 \times 6) = 56 + 48 = 104$
b) $(12 \times 6) + (12 \times 8) = 72 + 96 = 168$
- 2 a) $6 \times (7 + 6) = (6 \times 7) + (6 \times 6) = 42 + 36 = 78$
b) $7 \times (4 + 12) = (7 \times 4) + (7 \times 12) = 28 + 84 = 112$
- c) $6 \times (25 + 12) = (6 \times 25) + (6 \times 12) = 150 + 72 = 222$ d) $8 \times (4 + 11 + 9) = (8 \times 4) + (8 \times 11) + (8 \times 9) = 32 + 88 + 72 = 192$

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- 1 7969
- 2 1266
- 3 495
- 4 339p or £3.39
- 5 1546
- 6 711

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- 7 a) 1628 b) 318 c) 3488 d) 2396

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- 1 648 m
- 2 1908
- 3 6216 inches
- 4 8160

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- 5 a) 32 b) 2 c) 9 loaves: 36 bananas, 126 drops of apple juice, 4.5 packets of butter, 324 almond flakes; 15 loaves: 60 bananas, 30 eggs, 45 tablespoons of honey, 15 cups of flour d) 756

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- 1 20
- 2 plain & milk, plain & dark, milk & milk, milk & dark, dark & dark
- 3 p = pear, a = apple, o = orange, s = strawberry: p, a & o; p, a & s; p, o & s; a, o & s

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- 1 a) 4 b) 7 c) 12 d) 16 e) 23 f) 14
- 2 odd: $13 \times 7 = 91$, $17 \times 5 = 85$; even: $32 \times 3 = 96$, $96 \div 6 = 16$, $12 \times 7 = 84$
- 3 a) 18 b) 14

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- 1 a) 111 b) 112 c) 111 d) 101 e) 116 f) 121
- 2 a) 123 b) 212 c) 101 d) 102 e) 182 f) 92 g) 92 h) 79
- 3 a) £97 b) 91 c) 99

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- 1 1005
- 2 221
- 3 6909
- 4 115 cm
- 5 1539
- 6 £27.50

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- 7 258
- 8 4005 km
- 9 162
- 10 a) £11.50 or 1150p b) £2.30 or 230p

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- 1 circle round: a) 1st shape b) 1st & 4th shapes c) 2nd & 4th shapes
- 2 segments shaded: a) shape 2: 3, shape 3: 3, shape 4: 4 b) shape 1: 2, shape 2: 4, shape 3: 8
- 3 circled: a) 2 buttons, 6 triangles
b) 1 cube, 2 circles, 3 cars

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- 1 a) $\frac{6}{100}$, $\frac{8}{100}$, $\frac{9}{100}$ b) $\frac{11}{100}$, $\frac{12}{100}$, $\frac{14}{100}$, $\frac{16}{100}$
- 2 a) $\frac{91}{100}$, $\frac{92}{100}$, $\frac{93}{100}$, $\frac{94}{100}$ b) 0.96, 0.97, 0.98, 0.99, 1
- 3 a) 0.94, 0.93, 0.92, 0.91, 0.9
b) $\frac{100}{100}$ or 1, $\frac{99}{100}$, $\frac{98}{100}$, $\frac{97}{100}$, $\frac{96}{100}$
- 4 a) 0.54, 0.58, 0.6 b) $\frac{14}{100}$, $\frac{8}{100}$, $\frac{5}{100}$

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- 1 a) $\frac{7}{100}$ or 0.07 b) $\frac{27}{100}$ c) 0.44
- 2 a) $\frac{1}{100}$ b) 0.03
- 3 a) 0.07 b) $\frac{1}{100}$ c) 0.4 d) 0.03 e) $\frac{9}{100}$
f) 0.06 or $\frac{6}{100}$