

Page 81

- 75%
- $\frac{3}{5}$ or equivalent
- 25%
- 30%
- $\frac{2}{5}$ or equivalent
- 75%
- $\frac{1}{20}$
- $\frac{9}{20}$ or equivalent

Think. Both schools make the same amount of dinners, 150.

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- MDCCXCI
- MDCCCXXII
- MCMXVIII
- MCMXXXVI
- MCMLXI
- MCMLXXI
- MCMLXXXI
- MCMLXXXII
- MCMXCI
- MCMXCV
- MCMXCVII
- MMVII

Think. MCMXLII

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- 8
- $3 \times 3 \times 3 = 27$
- $4 \times 4 \times 4 = 64$
- $5 \times 5 \times 5 = 125$
- $6 \times 6 \times 6 = 216$
- 343, 512, 729

Think. 64, 729

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- 800R = £10
- 240R = £3
- 440R = £5.50
- 480R = £6
- 360R = £4.50
- 1600R = £20
- 1200R = £15
- 4000R = £50
- 200R = £2.50
- 240R
- 400R
- 800R
- 1200R
- 3200R

Think. 120, 200 and other varying answers.

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- 14°C
- 23°C
- 30°C
- 23°C
- 15 degrees
- 3 pm, 5 am
- 31 °C, 12 °C

Think. Answers will vary, but should make it clear that temperatures will be much lower.

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- Line graph drawn.
- 23°C
- 16 degrees
- 12 degrees
- Answers may vary but should be less than 17 °C and between 4 am and 6 am.

Think. Two line graphs, one showing temperatures changing over a summer day, the other showing cooler temperatures changing over a winter day.

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- 19:05
- 02:15
- 18:42
- 20:25
- 09:53
- 16:30
- true
- false
- true
- 10:10
- 12:06
- 32 minutes

Think. 10:35, 10:40, 10:45, 10:50, 10:55

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- 46 minutes
- 10:26, 1 hour 47 minutes
- 11:08, 1 hour 38 minutes
- 06:10, 07:43, 08:39
- 1 hour 27 minutes
- The 10:43 from London.

Think. They have the same digits. Other answers will vary.

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- 12:32
- 12:53
- 13:40
- 17:28
- 16:52
- 00:29

Think. Departure times: 10:20, 10:25, 10:30, 10:35, 10:40, 10:45, 10:50, 10:55. Arrival times: 11:02, 11:07, 11:12, 11:17, 11:22, 11:27, 11:32, 11:37.

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- 79 cm, 29 cm
- 85 cm, 43 cm
- 18 cm, 8 cm
- 152 cm, 70 cm
- 271 cm, 91 cm
- 305 cm, 152 cm

Think. Answers will vary, but should really be no taller than 2 m. A reasonable answer would be $\frac{1}{200}$ and 1.62 m.

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- $10 \times 420 = 4200$; $5 \times 420 = 2100$;
 $20 \times 420 = 8400$
- $3 \times 35 = 105$; $6 \times 35 = 210$;
 $9 \times 35 = 315$; $30 \times 35 = 1050$
- $100 \times 28 = 2800$;
 $50 \times 28 = 1400$;
 $25 \times 28 = 700$
- $2 \times 47 = 94$; $4 \times 47 = 188$;
 $8 \times 47 = 376$
- $4 \times 31 = 124$; $4 \times 62 = 248$;
 $8 \times 31 = 248$; $4 \times 124 = 496$
- $3 \times 44 = 132$; $3 \times 88 = 264$;
 $6 \times 44 = 264$; $3 \times 132 = 396$
- $10 \times 365 = 3650$; $5 \times 365 = 1825$;
 $20 \times 365 = 7300$;
 $25 \times 365 = 9125$

Think. Answers will vary, but multiplying by 5 might involve multiplying by 10 then halving. By 9 might be multiplying by 10 then taking away 1 group of that number. Multiplying by 50 might involve multiplying by 100, then halving.