

## Maths 8.6.20 answers

### Monday

1a.  $3\frac{1}{2}$  km = 3,500m; 7,500m =  $7\frac{1}{2}$  km;  
4,000m = 4km; 6km = 6,000m

2a. False, 5,000m is more than  $4\frac{1}{2}$  km.

3a. 9km

4a. 7km

1b. 9,500m =  $9\frac{1}{2}$  km; 2km = 2,000m;  
1,500m =  $1\frac{1}{2}$  km; 5km = 5,000m

2b. True

3b. 1km

4b. 2,500m

### Challenge

Hope is incorrect as they have both travelled the same distance.

### Tuesday

5a.

Hours	Minutes
1 hour 40 minutes	100
quarter of an hour	15
2 hours 10 minutes	130
2 hours 50 minutes	170
3 hours 20 minutes	200

6a. >

7a. 140 minutes

8a. All three children

5b.

Minutes	Seconds
1 minute 10 seconds	70
1 minute 25 seconds	85
2 minutes 45 seconds	165
3 minutes and 40 seconds	220
4 minutes 15 seconds	255

6b. =

7b. 145 seconds

8b. Barney and Tia

### Challenge

5b. Jonah is correct because 4 hours 25 minutes = 265 minutes which is fewer than 425 minutes.

### Wednesday

10) 7 hours

11) 6 hours 30 minutes

12) 9 hours 25 minutes

1) 320 minutes

2) 140 minutes

3) 1 hour 50 minutes

4) 9 hours 25 minutes

### Challenge

Dora is correct. For example  
1 hour = 60 minutes  
 $1 \times 60 = 60$   
2 hours = 120 minutes  
 $2 \times 60 = 120$

### Thursday

- |              |             |
|--------------|-------------|
| 1) 42 days   | 9) 12 days  |
| 2) 48 months | 10) 4 years |
| 3) 35 days   | 11) 8 years |
| 4) 96 months | 12) 2 years |
| 5) 72 hours  | 13) 3 weeks |
| 6) 168 hours | 14) 8 weeks |
| 7) 48 hours  | 15) 2 weeks |
| 8) 60 months |             |

### Challenge

#### True or false?

- 3 days > 72 hours.
- $2\frac{1}{2}$  years = 29 months
- 11 weeks 4 days < 10 weeks 14 days

False - 3 days is equal to 72 hours

False -  $2\frac{1}{2}$  years is greater than 29 months

True