

Lesson 1: Warm Up!

1. Convert these days to hours:

2 days	48 hours
3 days	72 hours
4 days	96 hours
5 days	120 hours
6 days	144 hours



2. Convert these hours to minutes:

2 hours	120 minutes
3 hours	180 minutes
4 hours	240 minutes
5 hours	300 minutes
6 hours	360 minutes

3. Convert these minutes to seconds:

3 minutes	180 seconds
5 minutes	300 seconds
2 minutes	120 seconds
6 minutes	360 seconds
4 minutes	240 seconds

4. Convert the following from days to minutes:

1 day	1440 minutes
2 days	2880 minutes
3 days	4320 minutes



5. Satnam was correct. Children's responses should show that Jaswinder's time was $3.5 \times 60 = 210$ minutes, which is longer than Satnam's 200 minutes.

MATHS

3. Order these time measurements from shortest time to longest time:

a. 2 days 38 hours 1000 minutes
1000 minutes, 38 hours, 2 days

b. 4 hours 200 minutes 12 500 seconds
200 minutes, 12 500 seconds, 4 hours

4. *Dan finished the puzzle at 11:52 a.m. (accept the time written in a different form).*



3. Convert these times to the unit shown (more than one unit away).

a)	5 days 22 hours	<i>142 hours</i>
b)	6 hours 43 minutes	<i>403 minutes</i>
c)	8 minutes 17 seconds	<i>497 seconds</i>
d)	3 hours 25 minutes	<i>205 minutes</i>
e)	6 minutes 18 seconds	<i>378 seconds</i>
f)	8 days 21 hours	<i>213 hours</i>

4. *Jaden is correct. He rode his bike for 285 minutes, which is 17 100 seconds.*

17 100 seconds - 14 400 seconds = 2700 seconds

30 minutes = 1800 seconds. The difference is greater than 1800 seconds.

Lesson 2: Warm Up!

1.

a) 96 hours	4 days
b) 288 hours	12 days



c) 192 hours	8 days
d) 264 hours	11 days

2.

a) 600 seconds	10 minutes
b) 120 seconds	2 minutes

c) 720 seconds	12 minutes
d) 660 seconds	11 minutes


3.

a) 60 minutes	1 hour
b) 180 minutes	3 hours

c) 240 minutes	4 hours
d) 300 minutes	5 hours

4.

a) 216 hours	9 days
b) 360 minutes	6 hours
c) 600 seconds	10 minutes



d) 420 minutes	7 hours
e) 300 seconds	5 minutes
f) 168 hours	7 days

5. Billie was right. Children's responses should show that on Monday, she completed 85 minutes' homework or that on Tuesday, she completed 1 hour 15 minutes.

MATHS

1.

a)	120 hours	5 days
b)	360 minutes	6 hours
c)	660 seconds	11 minutes
d)	144 hours	6 days
e)	420 minutes	7 hours
f)	120 seconds	2 minutes
g)	288 hours	12 days



2.

a)	50 hours	2 days 2 hours	<p>Checks show correct answers, e.g.</p> <p>a) $2 \times 24 = 48 + 2 = 50$</p>
b)	190 minutes	3 hours 10 minutes	
c)	425 seconds	7 minutes 5 seconds	
d)	116 hours	4 days 20 hours	
e)	684 minutes	11 hours 24 minutes	

3.

	Question	Answer	
1)	300 minutes	5 hours	✓
2)	192 hours	7 days	✗
3)	240 seconds	4 minutes	✓
4)	125 hours	5 days 2 hours	✗
5)	315 minutes	5 hours 15 minutes	✓
6)	130 seconds	2 minutes 10 seconds	✓

Did Harvinder achieve his target? Yes

Lesson 3: Warm Up!

Lesson 4: Warm Up!

1.	<i>Safina trained for the longest – 35 minutes longer than Cassie.</i>
2.	<i>4225 seconds have passed.</i>