

Printable Question Sheet for Students

1. A mini rocket uses 3 litres of fuel to fly 15 km. How much fuel is needed to fly 45 km?

- ☐ A. 6 litres
- ☐ B. 9 litres
- ☐ C. 12 litres
- ☐ D. 15 litres

2. Each Mars rover needs 4 solar panels to operate for 8 hours. How many solar panels are needed for 3 rovers to operate for 8 hours?

- ☐ A. 8
- ☐ B. 10
- ☐ C. 12
- ☐ D. 16

3. An astronaut drinks 2 water packs every 6 hours. How many will they need for 18 hours?

- ☐ A. 4
- ☐ B. 5
- ☐ C. 6
- ☐ D. 8

4. A satellite uses 5 units of power to transmit signals for 10 minutes. How much power is needed for 30 minutes?

- ☐ A. 10
- ☐ B. 15
- ☐ C. 20
- ☐ D. 25

5. A rocket travels 20 km using 4 litres of fuel. How far can it travel using 12 litres?

- ☐ A. 40 km
- ☐ B. 50 km
- ☐ C. 60 km
- ☐ D. 80 km

6. A space station uses 6 oxygen tanks for 12 astronauts. How many tanks are needed for 24 astronauts?

- ☐ A. 10
- ☐ B. 12
- ☐ C. 14
- ☐ D. 16

7. A rover collects 8 rock samples in 2 hours. How many samples can it collect in 6 hours?

- ☐ A. 16
- ☐ B. 20
- ☐ C. 24
- ☐ D. 32

8. An astronaut eats 3 food packs every 9 hours. How many packs are needed for 27 hours?

- ☐ A. 6
- ☐ B. 7
- ☐ C. 9
- ☐ D. 12

9. A shuttle uses 7 litres of fuel to travel 14 km. How much fuel is needed to travel 28 km?

- ☐ A. 14 litres
- ☐ B. 16 litres
- ☐ C. 18 litres
- ☐ D. 20 litres

10. A satellite completes 2 orbits in 6 hours. How many orbits will it complete in 18 hours?

- ☐ A. 3
- ☐ B. 4
- ☐ C. 5
- ☐ D. 6