

Let's Practise Using the Bar Model: Multiplication (Year 3)

Name.....

Date..... Class.....

In this pack, you will meet Buzz, Armstrong and Sharman who are all astronauts on a mission to space.

1. Each astronaut has 4 limbs, how many limbs are there on 3 astronauts?



2. There are four sides to the rocket, each side has 7 windows. How many windows are there?



3. A space bike has two wheels. If there are 3 space bikes on the rocket, how many wheels will there be?



4. Each spacesuit has 8 different pockets. Sharman stores 7 space tortillas in each pocket. How many space tortillas does he have in total?



5. Each of the 3 astronauts has 8 chocolates, how many chocolates do the astronauts have all together?



6. Some of the rooms on the rocket are pentagonal and have 5 sides. There are 4 of these rooms. How many sides do all of the pentagonal rooms have?



7. Usually, each astronaut must exercise for 45 minutes a day. Today, Buzz is doing an hour of exercise. How many minutes do the three astronauts spend exercising altogether?



_____ min

8. Armstrong spends eight hours sleeping each night, how many nights would it take him to get 56 hours of sleep?



- 9.** There are 12 control panels in each room, how many control panels are there in half of 6 rooms?



- 10.** Buzz has 3×4 space sweets; Armstrong has 3×8 sweets. How many sweets do they have all together?

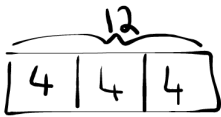


- 11.** Armstrong takes a sip of his space drink 28 times each day. How many sips will he take over 4 days?



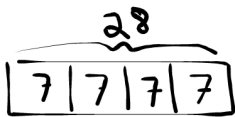
Answers:

- 1 Each Astronaut has 4 limbs, how many limbs are there on 3 Astronauts?



Answer: 12
Content: 3C6

- 2 There are four sides to the rocket, each side has 7 windows. How many windows are there?



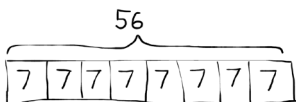
Answer: 28
Content: 3C6

- 3 A space bike has two wheels. If there are 3 space bikes on the rocket, how many wheels will there be?



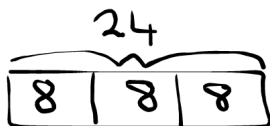
Answer: 6
Content: 3C6

- 4 Each spacesuit has 8 different pockets. Sharman stores 7 space tortillas in each pocket. How many space tortillas does he have in total?



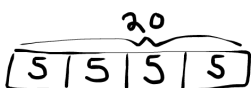
Answer: 56
Content: 3C6

- 5 Each of the 3 astronauts has 8 chocolates, how many chocolates do the astronauts



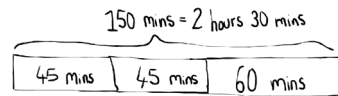
Answer: 24
Content: 3C6

- 6 Some of the rooms on the rocket are pentagonal and have 5 sides. There are 4 of these rooms. How many sides do all of the pentagonal rooms have?



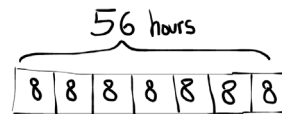
Answer: 20
Content: 3C6

- 7 Usually, each astronaut must exercise for 45 minutes a day. Today, Buzz is doing an hour of exercise. How many minutes do the three astronauts spend exercising altogether?



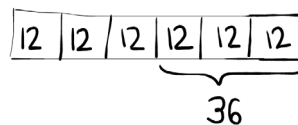
Answer: 150 min
Content: 3C7, 3M4d

- 8 Armstrong spends eight hours sleeping each night, how many nights would it take him to get 56 hours of sleep?



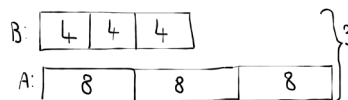
Answer: 7
Content: 3C6

- 9 There are 12 control panels in each room, how many control panels are there in half of 6 rooms?



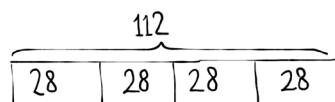
Answer: 36
Content: 3C6

- 10 Buzz has 3 x 4 space sweets; Armstrong has 3 x 8 sweets. How many sweets do they have all together?



Answer: 36
Content: 3C6

- 11 Armstrong takes a sip of his space drink 28 times each day. How many sips will he take over 4 days?



Answer: 112
Content: 3C7