## Multiplication word problems

Michael and Tom both love collecting robots. They meet up every month so that they can check out and compare their collections.

1. On their latest meeting, the found out that Tom has twice as many animal robots than Michael. If Michael has 8 animal robots, how many animal robots does Tom have?
2. Michael has 4 times more flying robots than Tom. The robots can fly 12 feet before they crash! If Tom has 3 flying robots, how many flying robots does Michael have?
3. Tom and Michael talked about Bob who has a huge collection of car robots. If Tom and Michael have 9 car robots and Bob has 9 times more than that, how many car robots does Bob have?

4. Tom saw that Michael has a rare robot that would complete one of his robot sets. Michael offered to sell it, but he said that Tom will need to pay 3 times the original price. If the rare robot has an original price of $\$ 3$, how much should Tom pay?
5. Before they end the meeting, Tom counted the total number of robots in his collection. He has 6 sets of robots, and each set is composed of 7 robots. Write an equation for how many robots Tom has in his collection?

## Answers

1. $2 \times 8=16$

Tom has 16 animal robots.
2. $4 \times 3=12$

Michael has 12 flying robots.
3. $9 \times 9=81$

Bob has 81 car robots in total.
4. $3 \times 3=9$

Tom should pay $\$ 9$ for the rare robot.
5. $6 \times 7=42$

Tom has 42 robots in his collection.

