Practice worksheet | Linear equations

Writing an equation from a problem

Name: _____ Date: _____

6 questions | 18 marks

1. Mia has s stickers. She receives 9 more and now has 28. Write an equation and find her starting number. [3 marks]

2. A rope was l metres long. Cutting off 7 m leaves 15 m. Write an equation and find its original length. [3 marks]

3. Five equal boxes hold 45 books. Let b be the number of books in one box. Write and solve an equation. [3 marks]

4. Some counters are shared equally among 4 pupils. Each pupil receives 8 counters. Use c for the total number. Write and solve an equation. [3 marks]

5. A game costs 5 dollars for entry plus 2 dollars per round. A player pays 19 dollars. Write an equation and find the number of rounds. [3 marks]

6. A rectangle is 6 cm long and w cm wide. Its perimeter is 30 cm. Form an equation and find the width. [3 marks]