Writing Expressions from Word Problems

Turn each description into an algebraic expression.

Name _____ **Date** _____

Write each expression on the line. Use the letter given and do not calculate a value.

1 Let n represent a number. Write an expression for 7 more than n.

Expression: _____

2 Let t represent a number. Write an expression for five times t.

Expression: _____

3 Let k represent a number. Write an expression for 9 less than k.

Expression: _____

4 Let m be the number of counters. Write an expression for m counters shared equally among 4 children.

Expression: _____

5 Let r represent a number. Write an expression for double the sum of r and 6.

Expression: _____

6 Let a represent a number. Write an expression for 3 less than twice a.

Expression: _____

7 A rectangle is l cm long and 6 cm wide. Write an expression for its perimeter, in centimetres.

Expression: _____

8 One notebook costs £p. Write an expression for the cost of 4 notebooks.

Expression: _____

9 A box has x cards. A second box has 3 more cards than the first. Write an expression for the total number of cards.

Expression: _____

10 A number q is divided by 5, then 8 is added. Write an expression.

Expression: _____

Expressions only — no equals signs needed.