

2016 Mathematics Standards of Learning  
Algebra Readiness Formative Assessment

5.19c

1. Matthew scored two times as many points as Justin. Write an expression to represent the number of points Matthew scored. Explain the meaning of the variable.
2. For each verbal expression, write an algebraic expression.

The sum of six and  
a number

A number  
decreased by five

The quotient of six  
and a number

Five times a  
number

3. Choose the algebraic expression that represents the verbal phrase,

*“the difference of five and a number”*

- a.  $5(x)$
  - b.  $5 + x$
  - c.  $5 - x$
  - d.  $\frac{5}{x}$
4. Choose the algebraic expression that *best* represents the verbal phrase,  
*“Twenty more than a number,  $c$ ”*

- a. 20
- b.  $20(c)$
- c.  $c + 20$
- d.  $20 - c$

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5. Choose the algebraic expression that *best* represents the verbal phrase.  
*“the quotient of a number and ten”*

a.  $\frac{10}{x}$

b.  $10 + x$

c.  $\frac{x}{10}$

d.  $10 - x$