



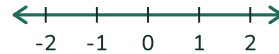
Grade 5 Algebra & Data Unit Test

Name _____ Date _____ Score _____ / 12

Part A · Inequalities

Write $<$, $>$ or $=$ in each circle. Solve the others and graph them on the number line.

01 $16.7 \circ 16.39$ _____



02 $x + 2 > 3$ _____

03 Is $x = 14$ a solution of $x + 5 \geq 20$?

Answer: _____

04 Write as an inequality: n is fewer than 50.

Answer: _____

Part B · Mean, Median, Mode & Range

05 Mode of 8, 8, 3, 7, 8, 15 = _____

06 Mode of 19, 19, 16, 19, 6, 5 = _____

07 Mode of 16, 16, 14, 15, 16, 20 = _____

08 Mean of 29, 8, 19, 8 = _____



Grade 5 Algebra & Data Unit Test

Part C · Word Problems

09 Aarav fills 3 bins with 10 building bricks each, then gives away 4. How many building bricks are left?

Answer: _____

10 Riku decorates 9 eggs on Monday, 10 on Tuesday, and 12 on Wednesday. How many eggs in all?

Answer: _____

11 Alana has 8 paper flags. Ingrid has 14. How many fewer paper flags does Alana have?

Answer: _____

12 Vikram buys a basketball for \$21.20 and pays with \$40.00. How much change should Vikram get back?

Answer: _____

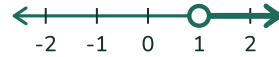


Grade 5 Algebra & Data Unit Test (Answer Key)

Part A · Inequalities

Write $<$, $>$ or $=$ in each circle. Solve the others and graph them on the number line.

01 $16.7 \circ 16.39 >$



02 $x + 2 > 3$

$x > 1$

03 Is $x = 14$ a solution of $x + 5 \geq 20$?

No

04 Write as an inequality: n is fewer than 50.

$n < 50$

Part B · Mean, Median, Mode & Range

05 Mode of 8, 8, 3, 7, 8, 15 = 8

06 Mode of 19, 19, 16, 19, 6, 5 = 19

07 Mode of 16, 16, 14, 15, 16, 20 = 16

08 Mean of 29, 8, 19, 8 = 16



Grade 5 Algebra & Data Unit Test (Answer Key)

Part C • Word Problems

09 Aarav fills 3 bins with 10 building bricks each, then gives away 4. How many building bricks are left?

26 building bricks

10 Riku decorates 9 eggs on Monday, 10 on Tuesday, and 12 on Wednesday. How many eggs in all?

31 eggs

11 Alana has 8 paper flags. Ingrid has 14. How many fewer paper flags does Alana have?

6 paper flags

12 Vikram buys a basketball for \$21.20 and pays with \$40.00. How much change should Vikram get back?

\$18.80