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Grade 6: Chapter 5 Test – Integers and the Coordinate Plane

Student Name		Class		Date	
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MULTIPLE CHOICE QUESTIONS: NO CALCULATOR ALLOWED

1	What integer best describes losing AED 20?	
	A	- 20
	B	$-\frac{1}{20}$
	C	$\frac{1}{20}$
D	20	

2	If a mountain climber is 35 meters above sea level, what integer best describes their position?	
	A	- 35
	B	$-\frac{1}{35}$
	C	$\frac{1}{35}$
D	35	

3	Express the value of $ -20 $.	
	A	- 20
	B	0
	C	1
D	20	

4	Replace $[\]$ to make the statement $-20 [\] -30$, true.	
	A	>
	B	<
	C	=
D	\geq	



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5	State the coordinates of point A.	
	A	(-3, 4)
	B	(3, -4)
	C	(-3, -4)
D	(3, -3)	

6	Evaluate $ 5 + -8 - 4 $.	
	A	-7
	B	-1
	C	9
	D	17

7	Write $-\frac{18}{25}$ as a decimal.	
	A	-0.72
	B	-0.18
	C	0.18
	D	0.72

8	Ali made 7 free throws out of 11 attempts during a basketball game. What was his free-throw ratio expressed as a decimal?	
	A	$0.\overline{63}$
	B	$0.\overline{6\bar{3}}$
	C	0.6
	D	0.7



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9	Which of the following points is located in quadrant 3?	
	A	(1, 3)
	B	(-3, -4)
	C	(-4, 5)
D	(1, -5)	

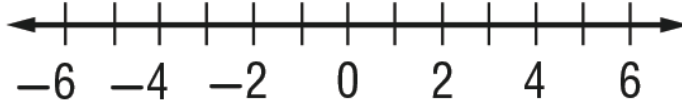
10	Order -9, 5, 0, and -4 from least to greatest.	
	A	5, 0, -9, -4
	B	0, 5, -4, -9
	C	-9, -4, 0, 5
D	5, 0, -4, -9	



Grade 6: Chapter 5 Test – Integers and the Coordinate Plane
CONSTRUCTED RESPONSE QUESTIONS: CALCULATOR MAY BE USED

11

Graph the integers, -3 , -1 , and 4 on the number line below.



marks: / 3

12

Write $\frac{4}{9}$ as a repeating decimal.

marks: / 1

13

Order the numbers from least to greatest by writing the fractions as decimals.

$$5\frac{5}{11}, -5.5, 5.\overline{33}, -5\frac{4}{5}$$

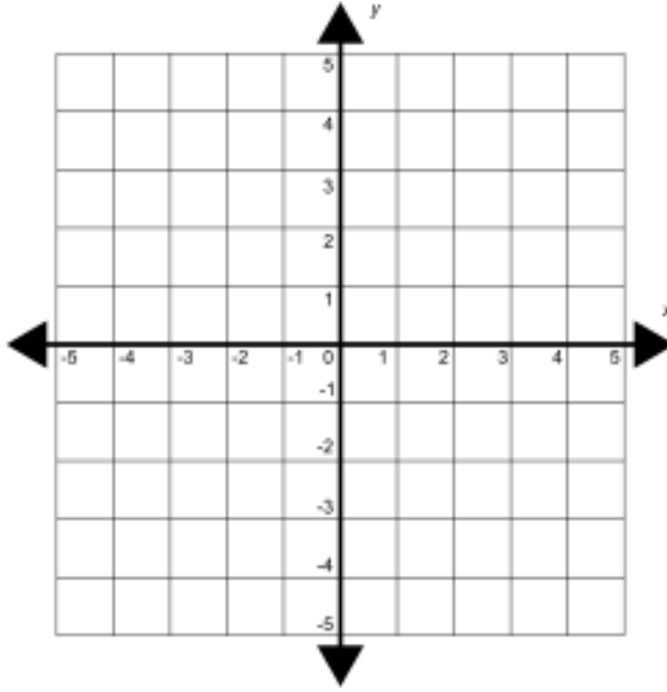
marks: / 3



Grade 6: Chapter 5 Test – Integers and the Coordinate Plane

Graph the points A(-3, 5), B(-3, 1), C(2, 1) and D(2,5) on the coordinate plane below.

14



marks: / 4

15

In the coordinate plane in question 14 reflect points A, B, C and D in the x-axis.

marks: / 4

MULTIPLE CHOICE SECTION:	/10
EXTENDED RESPONSE SECTION:	/15
TOTAL MARKS:	/25
PERCENT:	%

Grade	6	Lesson(s)	5-1, 5-2, 5-3, 5-4, 5-5, 5-6, 5-7
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Grade 6: Chapter 5 Test – Integers and the Coordinate Plane

Answer Key

MULTIPLE CHOICE QUESTIONS: NO CALCULATOR ALLOWED

Q1	A
Q2	D
Q3	D
Q4	A
Q5	C
Q6	C
Q7	A
Q8	B
Q9	B
Q10	C

CONSTRUCTED RESPONSE QUESTIONS: CALCULATOR MAY BE USED

Q11	Ans:	
	<ul style="list-style-type: none"> Graph integer Graph integer Graph Integer 	<ol style="list-style-type: none"> -3 -1 4
<ul style="list-style-type: none"> 1 mark for each correctly plotted integer. 		

Q12	Ans: $0.\overline{4}$	
	<ul style="list-style-type: none"> Repeating decimal 	<ol style="list-style-type: none"> $0.\overline{4}$
	<ul style="list-style-type: none"> no marks awarded for 0.4444 or equivalent. 	

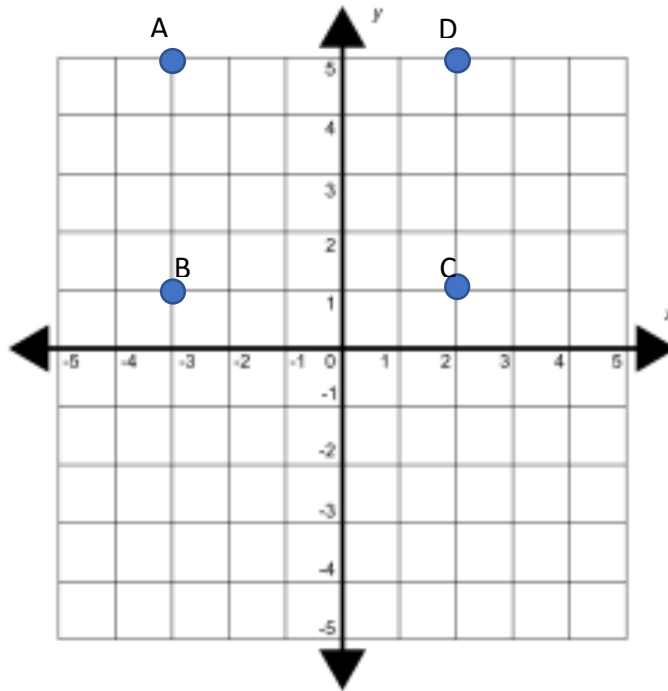
Q13	Ans: $-5\frac{4}{5}$, -5.5, $\square.\overline{33}$, $5\frac{5}{11}$	
	<ul style="list-style-type: none"> Fraction to decimal Fraction to decimal Order least to greatest 	<ol style="list-style-type: none"> $5\frac{5}{11} = 5.454546$ or $5.\overline{45}$ $-5\frac{4}{5} = -5.8$ $-5\frac{4}{5}$, -5.5, $5.\overline{33}$, $5\frac{5}{11}$
	<ul style="list-style-type: none"> for 1st mark accept 5.46 or 5.455 or equivalent 	



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Q14

Ans:



Q15

Ans:

