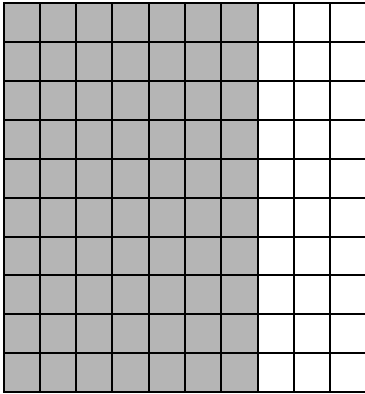


5th Grade Benchmark 1**Multiple Choice**

Identify the choice that best completes the statement or answers the question.

1. Which decimal does this model represent?



- A. 0.70
 B. 0.07
 C. 7
 D. 70
2. A green sea turtle weighs 355.31 kilograms. What is the word form of this number?
- A. three hundred fifty-five and thirty-one tenths
 B. three hundred fifty-three tenths
 C. three hundred fifty-five and three hundredths
 D. three hundred fifty-five and thirty-one hundredths
3. Which numbers are in order from **least to greatest**?
- A. 1.742 1.558 1.671
 B. 0.561 8.627 5.325
 C. 4.057 4.122 5.008
 D. 6.705 6.527 6.211

4. Taylor bought three pumpkins that weighed 17.23 pounds, 15.8 pounds and 9.04 pounds. What was the total weight of all the pumpkins?

- A. 27.85 pounds
 B. 32.07 pounds
 C. 42.07 pounds
 D. 41.07 pounds

5. Alex ran a race in 22.03 seconds. Xiu ran the race in 22.3 seconds. What is the difference of their times?

- A. 22.27 seconds
 B. 0.27 seconds
 C. 0.33 seconds
 D. 0.37 seconds

6. Which of the following is **NOT** a reasonable estimate of $5.106 + 47.85$?

- A. 52
 B. 53
 C. 99
 D. 52.9

7. What will be the 5th number in this pattern?

2.25, 2.50, 2.75, _____, _____

- A. 3.25
 B. 3.5
 C. 3.75
 D. 3

8. Jenny lives 10 times further from the school than James. James lives 0.21 miles from the school. How could you find how far Jenny lives from the school?

- A. Add $10 + 0.21$ miles = 0.31 miles
 B. Multiply 1×0.21 miles = 0.21 miles
 C. Multiply 10×0.21 miles = 21 miles
 D. Multiply 10×0.21 miles = 2.1 miles

5th Grade Benchmark 1

9. What is a reasonable product of 8×2.1 ?

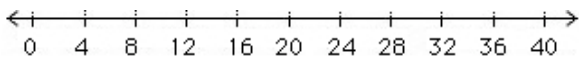
- A. 16
- B. 168
- C. 1.68
- D. 10.1

10. Solve:

$$\begin{array}{r} 425 \\ \times 18 \\ \hline \end{array}$$

- A. 3,825
- B. 7,650
- C. 7,610
- D. 7,450

11. What multiplication equation would NOT be modeled on this number line?



- A. $8 \times 4 = 32$
- B. $6 \times 5 = 30$
- C. $10 \times 4 = 40$
- D. $2 \times 8 = 16$

12. Which expression is equivalent to:

$$3 \times 3 \times 3 \times 3?$$

- A. 3^3
- B. 4^3
- C. 3^4
- D. 4^4

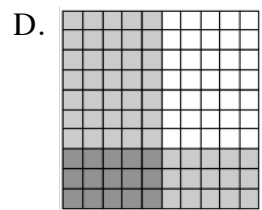
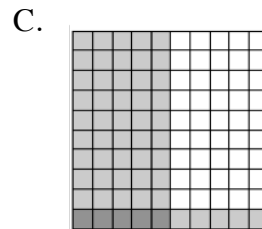
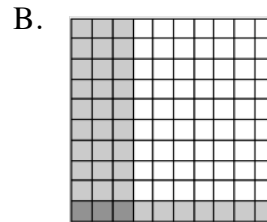
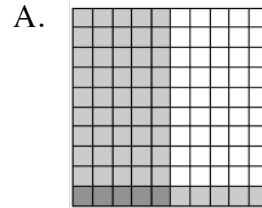
13. One package of paper plates has 15 plates. Sandra is buying 12 packages of paper plates for the school carnival. What equation represents how many plates she'll have if she buys 12 packages?

- A. $180 = 12 \times 15$
- B. $12 \div 15 = 0.8$
- C. $12 + 15 = 27$
- D. $120 = 12 \times 15$

14. Which difference is about 10?

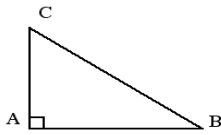
- A. $42.5 - 16.8$
- B. $33.2 - 28.4$
- C. $70.9 - 59.7$
- D. $65.7 - 65.6$

15. Which model represents 0.3×0.5 ?



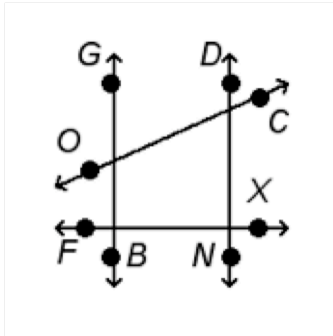
5th Grade Benchmark 1

16. What is the best description of the triangle shown?



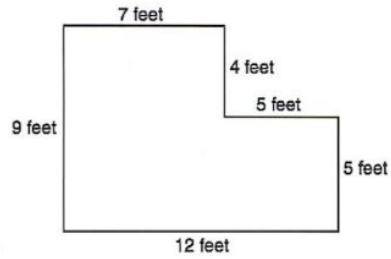
- A. Triangle ABC is isosceles and has 1 right angle.
- B. Triangle ABC is scalene and has one right angle.
- C. Triangle ABC is equilateral and has 3 acute angles.
- D. Triangle ABC is scalene and has 1 obtuse angle.

17. Which pair of lines are parallel?



- A. $\overleftrightarrow{GB}, \overleftrightarrow{OC}$
- B. $\overleftrightarrow{DN}, \overleftrightarrow{OC}$
- C. $\overleftrightarrow{GB}, \overleftrightarrow{FX}$
- D. $\overleftrightarrow{DN}, \overleftrightarrow{GB}$

18. What is the area of this figure?

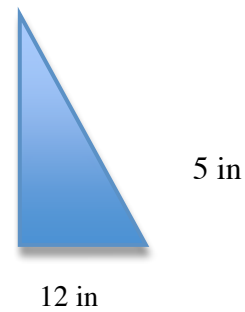


- A. 108 square feet
- B. 128 square feet
- C. 88 square feet
- D. 120 square feet

19. Which statement is true?

- A. An equilateral triangle has a right angle.
- B. An equilateral triangle has four congruent sides.
- C. An equilateral triangle has no congruent angles.
- D. An equilateral triangle has all congruent sides and all congruent angles.

20. What is the area of this triangle?



- A. 30 in²
- B. 60 in²
- C. 32.5 in²
- D. 15 in²

Name _____

5th Grade Benchmark 1

Answer Key

Item	Answer	Core Correlation
1	A	1.1
2	D	1.1
3	C	1.2
4	C	1.6
5	B	1.6
6	C	1.5
7	A	2.1
8	D	1.4
9	A	1.5
10	B	1.6
11	B	1.4
12	C	1.1
13	A	1.2
14	C	1.5
15	D	1.1
16	B	3.1
17	D	3.1
18	C	4.1
19	D	3.1
20	A	4.1