

RACE TO STAAR DAY 4

6.4 B (R)

1. At Oakwood Intermediate School, 2 out of every 9 sixth graders walk to school each day. If there are 567 sixth graders, how many walk to school each day?

- A 63
- B 126
- C 70
- D 140

6.4 A (S)

2. Alina was labeling equations as multiplicative or additive. Which of the following is NOT labeled correctly?

- F $m + 8 = t$, additive
- G $6m = t$, multiplicative
- H $4 + m = t$, multiplicative
- J $5 \times m = t$, multiplicative

6.5 B (R)

3. Xian plans to run 14 laps around the track. Each lap is 400 yards. So far, Xian has run 1,680 yards around the track. What percentage of the track has Xian completed?

- A 7%
- B 30%
- C 70%
- D 3%

6.5 B (R)

4. Nalli bought a 25-ounce bottle of salad dressing for \$5.75. She has used 60% of the bottle this week for her lunches. What is the cost of the amount of salad dressing that she has used this week?

Record your answer and fill in the bubbles in your answer document. Be sure to use the correct place value.

	+	0	0	0	0	0	.	0	0
	-	1	1	1	1			1	1
		2	2	2	2			2	2
		3	3	3	3			3	3
		4	4	4	4			4	4
		5	5	5	5			5	5
		6	6	6	6			6	6
		7	7	7	7			7	7
		8	8	8	8			8	8
		9	9	9	9			9	9

6.5 A (S)

5. The table below shows the population, p , of mice in a field at the end of m months.

Time, m (months)	Population, p
0	6
1	12
2	24
3	48
4	96

Based on the data in the table, what will be the population of mice in the field at the end of 8 months?

- F 192
- G 3,072
- H 1,536
- J 256

6.4 B (R)

6. Vanessa is making a sauce for a chicken dish. The list belows shows the amount of each ingredient that she needs in order to make 4 servings of the sauce.

- 2 tablespoons of black pepper
- 1 cup of peanut butter
- 3 tablespoons of vinegar
- 2 tablespoons of soy sauce
- 1 cup of water

Based on this information, which of the following statements is true?

- A** For 16 servings, she would need to use 12 tablespoons of vinegar.
- B** For 20 servings, she would need to use 7 tablespoons of soy sauce.
- C** For 2 servings, she would need to use 4 tablespoons of black pepper.
- D** For 12 servings, she would need to use 9 cups of peanut butter.

6.4 B (R)

7. Frank went to an arcade to play video games. He paid \$2 for every 11 tokens he bought. He spent a total of \$16 on tokens. Which equation can be used to determine t, the number of tokens Fred bought?

F $\frac{2}{16} = \frac{\square}{11}$

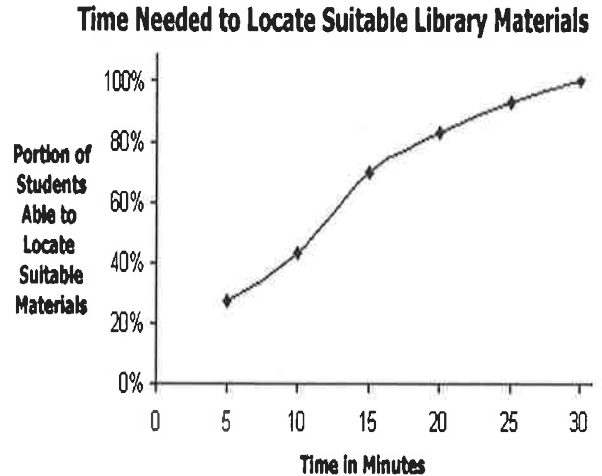
G $\frac{2}{11} = \frac{\square}{16}$

H $\frac{18}{\square} = \frac{11}{2}$

J $\frac{11}{2} = \frac{\square}{16}$

6.6 A (S)

8. The graph below shows the percentage of students who are able to find suitable materials and the amount of time needed to find them.



Which of the following statements correctly describes the relationships in the graph?

- A** The increase in percentage of students who are able to locate suitable materials depends on the total amount of books available.
- B** The amount of time needed to find the materials depends on the percentage of students who are able to find suitable materials.
- C** The percentage of students who are able to locate suitable materials is independent from the amount of time needed to find such materials.
- D** The amount of time needed to find suitable materials is independent from the percentage of students who are able to locate suitable materials.

