

Math 6 – Milestones Review

Milestones Review #2

Name: _____

Class Period: 1 2 3 4 Date: _____

1. What is the value of the expression below?

$$75 - 7 \cdot 2^3$$

- a. 19 c. 136
b. 61 d. 272

2. What is the reciprocal of $3\frac{2}{3}$?

- a. $\frac{3}{11}$ c. $\frac{11}{3}$
b. $\frac{3}{2}$ d. $\frac{1}{3}$

3. Megan read 15% of a book last night. What is another way of expressing this number?

- a. 0.15% c. $\frac{3}{20}$
b. $\frac{15}{85}$ d. 15

4. Evaluate $7a - 5$ if $a=9$

- a. 48 c. 68
b. 58 d. 74

5. Mark operates a landscaping business in Duluth. He charges \$8.50 per hour to perform simple yard work. If he works $4\frac{1}{2}$ hours on a particular yard, what is his fee?

- a. \$13.00 c. \$34.00
b. \$18.75 d. \$38.25

6. What is $\frac{5}{7}$ divided by $\frac{7}{10}$?

- a. $\frac{1}{2}$ c. $\frac{2}{3}$
b. $\frac{48}{49}$ d. $1\frac{1}{49}$

7. Mike scored 22 points in the basketball game. He made 7 free throws in 11 attempts. What is the ratio of attempts to free throws?

- a. 7 to 11 c. 11 to 7
b. 7 to 22 d. 22 to 7

8. What is the solution of this inequality?

$$x - 12 < 36$$

- a. $x < 3$ c. $x < 48$
b. $x < 24$ d. $x < 72$

9. At a used book sale Ms. Payne bought x books at \$1.85 each. Which expression tells how much she spent in all?

- a. $1.85x$ c. $(1.85 \cdot 2) + x$
b. $1.85 + x$ d. $x + 1.85$

Math 6 – Milestones Review

Milestones Review #2

Name: _____

Class Period: 1 2 3 4 Date: _____

1. What is the value of the expression below?

$$75 - 7 \cdot 2^3$$

a. 19

c. 136

b. 61

d. 272

2. What is the reciprocal of $3\frac{2}{3}$?

a. $\frac{3}{11}$

c. $\frac{11}{3}$

b. $\frac{3}{2}$

d. $\frac{1}{3}$

3. Megan read 15% of a book last night. What is another way of expressing this number?

a. 0.15%

c. $\frac{3}{20}$

b. $\frac{15}{85}$

d. 15

4. Evaluate $7a - 5$ if $a=9$

a. 48

c. 68

b. 58

d. 74

5. Mark operates a landscaping business in Duluth. He charges \$8.50 per hour to perform simple yard work. If he works $4\frac{1}{2}$ hours on a particular yard, what is his fee?

a. \$13.00

c. \$34.00

b. \$18.75

d. \$38.25

6. What is $\frac{5}{7}$ divided by $\frac{7}{10}$?

a. $\frac{1}{2}$

c. $\frac{2}{3}$

b. $\frac{48}{49}$

d. $1\frac{1}{49}$

7. Mike scored 22 points in the basketball game. He made 7 free throws in 11 attempts. What is the ratio of attempts to free throws?

a. 7 to 11

c. 11 to 7

b. 7 to 22

d. 22 to 7

8. What is the solution of this inequality?

$$x - 12 < 36$$

a. $x < 3$

c. $x < 48$

b. $x < 24$

d. $x < 72$

9. At a used book sale Ms. Payne bought x books at \$1.85 each. Which expression tells how much she spent in all?

a. $1.85x$

c. $(1.85 \cdot 2) + x$

b. $1.85 + x$

d. $x + 1.85$