1. Evaluate 47-3.85
a. 44.85
b. 43.85
c. 43.15
d. 338
2. Which of the following does NOT have a value of 81 ?
a. $3^{4}$
b. $3^{2}+3 \cdot 3$
c. $3 \cdot 3+72$
d. $9^{2}$
3. The cost of Bentley's large storage unit is $\$ 285.47$ per month. If Bentley pays in advance for 3 years of storage, how much will he pay in all?
a. $\$ 856.41$
b. $\$ 6,851.28$
c. $\$ 9,951.28$
d. $\$ 10,276.92$
4. What is the solution to $x+4=37$ ?
a. 32
C. 41
b. 33
d. 42
5. What is $8 \div 2 \frac{1}{2}$ ?
a. $3 \frac{1}{5}$
b. $4 \frac{1}{2}$
c. $16 \frac{1}{2}$
d. 20

Name: $\qquad$
Class Period: $1 \quad 2 \quad 34$ Date: $\qquad$
6. Evaluate $\frac{1}{9^{2}}$
a. 81
C. $\frac{1}{18}$
b. $\frac{1}{81}$
d. 18
7. Evaluate $36+9.87$
a. 44.87
b. 1347
c. 45.870
d. 26.130
8. Simplify using the distributive property: $3(2 x-11)$
a. $3 x-11$
b. $6 x-33$
c. $6 x-11$
d. $2 x-33$
9. Which expression does NOT have the same value as $7(4+22)$ ?
a. $7 \cdot 26$
b. $(7 \cdot 4)+154$
c. $7 \cdot 4+22$
d. $28+(7 \cdot 22)$
10. Find the product. $1 \frac{4}{9} \cdot 2$
a. $1 \frac{2}{3}$
C. $2 \frac{1}{6}$
b. 2
d. $2 \frac{8}{9}$

1. What is the value of the expression below?
$75-7 \cdot 2^{3}$
a. 19
b. 61
c. 136
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 las $\dagger$ 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-5if $a=9$
a. 48
b. 58
c. 68
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. $\$ 13.00$
b. $\$ 18.75$
c. $\$ 34.00$
d. $\$ 38.25$

Name: $\qquad$
Class Period: 1234 Date: $\qquad$
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
b. 7 to 22
c. 11 to 7
d. 22 to 7
8. What is the solution of this inequality?
$x-12<36$
a. $x<3$
b. $x<24$
c. $x<48$
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

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