Math 6 – Milestones Review Milestones Review #3 1. What is the difference between 82.143 and 9.5482?		Name: Class Period: 1 2 3 4 Date: 6. What is the reciprocal of $4\frac{5}{8}$?					
				a. /2.5948 b. 13.339	c. /3.5958 d. 74.4848	b. $\frac{8}{5}$	d. $3\frac{7}{8}$
				2. Which of the following is equivalent to 5(2x+3)?		7. What value of x will make the expressions 2x+4 and 5x-8 both equal to 12?	
a. 10x+3 b. 5x+15	c. 2x+8 d. 10x+15	b. 6	d. 8				
3. What is the value of $5^2 - (18 \div 6) \cdot 7$?		8. Simplify using the distributive property: $7(x - 9)$					
a. 4 b. 46	c. 31 d. 154	a. 7x-16 b. x-63	c. 7x-9 d. 7x-63				
4. A case of pencils costs \$15. The academic team spends \$135 on pencils for the school tournament. How many cases of pencils did the academic team		9. If a year of storage costs \$276.72, how much does one month of storage cost?					
a. 7 b. 8	c. 9 d. 10	a. \$24.16 b. \$23.06	c. \$23.60 d. \$25.16				
5. What is the valu	e of $\frac{5}{6} \cdot 2\frac{3}{4}$?						
a. $\frac{15}{26}$	C. 2 ⁷ / ₂₄						
b. $\frac{5}{8}$	d. $\frac{24}{55}$						

Math 6 – Milestones Review Milestones Review #4 1. The weights of three backpacks are 15.8 pounds, 18.12 pounds, and 16.7 pounds. How many pounds do the backpacks weigh all together?		Name:					
				a. 51.52 lbs. b. 50.72 lbs.	c. 21.37 lbs. d. 50.62 lbs.	7 Evaluate 4m - 7	' if m=9
				2. What is 7.89 ÷ 3? a. 263 b. 263	c. 0.263	a. 28 b. 29	c. 42 d. 43
3. What is the value $a.\frac{21}{4}$ $b.\frac{2}{24}$	$e \text{ of } \frac{1}{6} \div 1\frac{3}{4}?$ $c. \frac{3}{24}$ $d. 1\frac{3}{24}$	8. Jake and his 2 total is \$13.74. equally, how m pay? a. \$4.58 b. \$5.87	friends buy lunch. The If they share the cost Iuch should each persc c. \$6.37 d. \$6.87				
4. What is the soluti a. <i>x</i> > 18 b. <i>x</i> > 52	fon to $x - 17 \ge 35$? c. $x \ge 52$ d. $x \ge 18$	9. What is the value $a. \frac{10}{7}$ $b. \frac{10}{49}$	Ue of $\frac{5}{7} \div 2\frac{2}{7}$? C. $\frac{5}{16}$ d. $\frac{16}{5}$				
5. Chris earns \$12 p factory. He worl How much mon- one week of wo a. \$425	per hour for his work at a ks 40 hours per week. ey will Chris be paid for rk? c. \$480	10. What is the sol a. <i>x</i> < 16 b. <i>x</i> < 34	lution to x + 9 > 25? c. x > 16 d. x > 34				

Math 6 - Milestones Review

Milestones Review #3 ANSWER KEY

- 1. What is the difference between 82.143 and 9.5482?
 - <mark>a. 72.5948</mark> b. 13.339
- c. 73.5958 d. 74.4848
- 2. Which of the following is equivalent to 5(2x+3)?
 - a. 10x+3c. 2x+8b. 5x+15d. 10x+15
- 3. What is the value of $5^2 (18 \div 6) \cdot 7$?

<mark>a. 4</mark>	c.31
b. 46	d. 154

4. A case of pencils costs \$15. The academic team spends \$135 on pencils for the school tournament. How many cases of pencils did the academic team buy?

a. 7	<mark>c. 9</mark>
b.8	d. 10

5. What is the value of $\frac{5}{6} \cdot 2\frac{3}{4}$?

a.	<u>15</u> 26	c.	$2\frac{7}{24}$
b.	5 8	d.	24

Nai	me
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Class Period: 1 2 3 4 Date: _____

- 6. What is the reciprocal of $4\frac{5}{8}$?
 - a. $\frac{8}{45}$ b. $\frac{8}{5}$ c. $\frac{8}{37}$ d. $3\frac{7}{8}$
- 7. What value of x will make the expressions 2x+4 and 5x-8 both equal to 12?
 - a. 2 c. 4 b. 6 d. 8
- 8. Simplify using the distributive property:

7(x - 9)	
a. 7x-16	с. 7х-9
b. x-63	<mark>d. 7x-63</mark>

9. If a year of storage costs \$276.72, how much does one month of storage cost?

a. \$24.16	c. \$23.60
<mark>b. \$23.06</mark>	d. \$25.16

Math 6 – Milestones Review		Name:	
		Class Period: 1	2 3 4 Date:
1. The weights of three backpacks are 15.8 pounds, 18.12 pounds, and 16.7 pounds.		6. Which expression has the greatest value?	
weigh all togeth	er?	a. 3 ⁴	C. 4^3
a. 51.52 lbs. b. 50.72 lbs	c. 21.37 lbs.	D. 2*	u. 8
5.00.72103.	G. 00.02 103.	7. Evaluate 4m - 1	7 if m=9
2. What is 7.89 ÷ 3?		a. 28 <mark>b. 29</mark>	c. 42 d. 43
a. 263 b. 26.3	с. 0.263 <mark>d. 2.63</mark>		
		8. Jake and his 2	friends buy lunch. The
3. What is the value of $\frac{1}{6} \div 1\frac{3}{4}$?		equally, how n	nuch should each person
a. $\frac{21}{4}$	C. $\frac{3}{24}$	a. \$4.58	c. \$6.37
b. 2/21	d. $1\frac{3}{24}$	b. \$5.87	d. \$6.87
4. What is the solution to $x - 17 \ge 35$?		9. What is the val	ue of $\frac{5}{7} \div 2\frac{2}{7}$?
a. <i>x</i> > 18	c. $x \ge 52$	a. $\frac{10}{7}$	C. $\frac{5}{16}$
b. <i>x</i> > 52	d. $x \ge 18$	b. $\frac{10}{49}$	d. $\frac{16}{5}$
5 Chris agras \$12 p	or hour for his work at a		

10. What is the solution to x + 9 > 25?

a. *x* < 16

b. *x* < 34

<mark>c. x > 16</mark>

d. *x* > 34

5. Chris earns \$12 per hour for his work at a factory. He works 40 hours per week. How much money will Chris be paid for one week of work?

a. \$425	<mark>с. \$480</mark>
b. \$0	d. \$55