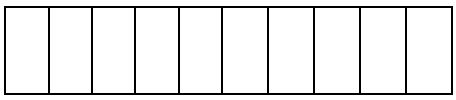
Name: _____ Date:_____ Grade:_____

Math Computation Entering 5th Grade

Directions: Complete as many problems as you can. Show your work on loose-leaf.

1) 64 +21	2) 85 - 14	3) 52 +28
4) 65 - 47	5) 354 +318	6) 421 - 287
7) 228 + 92	8) 183 - 47	9) $13.69 + $2.74 =
10) Round to the nearest ten. a. 87 _____ b. 472 _____ c. 1,768 _____	11) Round to the nearest hundred. a. 279 _____ b. 742 _____ c. 2,672 _____	12) Compare using <, >, =. a. 2,789 ☐ 3,195 b. 489 ☐ 495 c. 5,423 ☐ 5,410

13) 36 x 7	14) 45 x 21	15) 75 ÷ 3 =
16) 904 ÷ 8 =	17) Shade 1/6 of the figure below with your pencil. 	18) Fill in the blank boxes to show the equivalent fractions. a. $\frac{3}{5} = \frac{6}{\quad}$ b. $\frac{1}{2} = \frac{\quad}{8}$
19) Compare using <, >, =. a. $\frac{6}{10} \square \frac{1}{2}$ b. $\frac{2}{4} \square \frac{1}{8}$	20) Solve. a. $\frac{3}{6} + \frac{1}{6} =$ b. $\frac{4}{5} - \frac{2}{5} =$ c. $1\frac{1}{3} - \frac{2}{3} =$	21) Solve. a. $2\frac{3}{8} + 1\frac{5}{8} =$ b. $2\frac{3}{4} - 1\frac{2}{4} =$ c. $7 \times \frac{2}{3} =$
22) Shade 4 tenths of the figure below with your pencil. 	23) Compare using <, >, =. a. 0.2 ☐ 0.5 b. 0.49 ☐ 0.94 c. 0.06 ☐ 0.60	24) Solve. a. .23 + .59 = b. .203 - .011 =

25) 486
x 65

26) 3822 ÷ 21 =

27) Solve.

5 + (7-2) x 6 =

28) Solve

57.521 x 100 =

437.4 ÷ 10 =

29) Write the following number in standard form on the line.

one thousand six hundred two and four hundredths

_____

30) Compare using <, >, =.

a. 14.28 ☐ 1.448

b. 22.766 ☐ 2.276

c. 6.140 ☐ 6.41

31) 5.9 + 0.31 =

32) 5 - 2.47 =

33) 2.4 x 1.6 =

34) $3\overline{)9.15}$

35)

a. $\frac{2}{3} + \frac{5}{4} =$

b. $4\frac{2}{6} + 1\frac{2}{7} =$

36)

a. $\frac{5}{8} - \frac{2}{5} =$

b. $3\frac{5}{7} - \frac{7}{2} =$

37)

a. $\frac{8}{9} \times \frac{2}{3} =$

b. $\frac{3}{5} \times 3 =$

38)

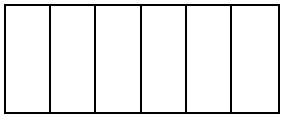
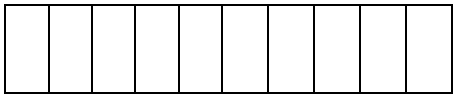
a. $\frac{1}{5} \div 3 =$

b. $4 \div \frac{3}{7} =$

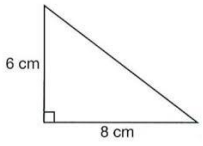
Name: _____ Date:_____ Grade:_____

Math Computation Entering 6th Grade

Directions: Complete as many problems as you can. Show your work on loose-leaf.

1) 36 x 7	2) 45 x 21	3) 75 ÷ 3 =
4) 904 ÷ 8 =	5) Shade 1/6 of the figure below with your pencil. 	6) Fill in the blank boxes to show the equivalent fractions. a. $\frac{3}{5} = \frac{6}{\quad}$ b. $\frac{1}{2} = \frac{\quad}{8}$
7) Compare using <, >, =. c. $\frac{6}{10} \square \frac{1}{2}$ d. $\frac{2}{4} \square \frac{1}{8}$	8) Solve. d. $\frac{3}{6} + \frac{1}{6} =$ e. $\frac{4}{5} - \frac{2}{5} =$ f. $1\frac{1}{3} - \frac{2}{3} =$	9) Solve. d. $2\frac{3}{8} + 1\frac{5}{8} =$ e. $2\frac{3}{4} - 1\frac{2}{4} =$ f. $7 \times \frac{2}{3} =$
10) Shade 4 tenths of the figure below with your pencil. 	11) Compare using <, >, =. d. 0.2 ☐ 0.5 e. 0.49 ☐ 0.94 f. 0.06 ☐ 0.60	12) Solve. c. .23 + .59 = d. .203 - .011 =

13) 486 x 65	14) 3822 ÷ 21 =	15) Solve. 5 + (7-2) x 6 =	
16) Solve 57.521 x 100 = 437.4 ÷ 10 =	17) Write the following number in standard form on the line. one thousand six hundred two and four hundredths _____	18) Compare using <, >, =. d. 14.28 ☐ 1.448 e. 22.766 ☐ 2.276 f. 6.140 ☐ 6.41	
19) 5.9 + 0.31 =	20) 5 - 2.47 =	21) 2.4 x 1.6 =	22) $3\overline{)9.15}$
23) c. $\frac{2}{3} + \frac{5}{4} =$ d. $4\frac{2}{6} + 1\frac{2}{7} =$	24) c. $\frac{5}{8} - \frac{2}{5} =$ d. $3\frac{5}{7} - \frac{7}{2} =$	25) c. $\frac{8}{9} \times \frac{2}{3} =$ d. $\frac{3}{5} \times 3 =$	26) c. $\frac{1}{5} \div 3 =$ d. $4 \div \frac{3}{7} =$

27) Write two equivalent fractions. $\frac{4}{8} =$	28) Find the unit rate of 5 apples for $45. In other words, if 5 apples = $45.00 what does 1 apple equal. $_____ = 1 apple	29) Convert the fraction to a decimal. $\frac{3}{4} =$ _____	30) If you make $12.00 an hour and at the end of the week you made $360.00, how many hours did you work?
31) Solve: 2.253 + 0.595 =	32) Solve: 2.375 – 0.804 =	33) Solve: 7.4 + 0.24 =	34) Solve: 15.4 - 0.22 =
35) $6\frac{1}{4}$ x 2 =	36) $3\frac{2}{5} \div \frac{7}{10}$ =	37) Compare using <, >, =. a. -4 ☐ 7 b. 6 ☐ |10|	38) Write the following number using an exponent and simplify (2)(2)(2)(2)(2) =
39) Let c = 7 and solve. 3c – 11 =	40) Solve: 3y – 1 = 20 y = ___	41) Write an inequality. A number x is less than 15. _____	42) What is the area of the triangle?  _____

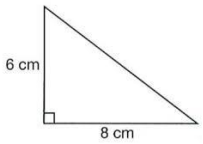
Name: _____ Date:_____ Grade:_____

Math Computation Entering 7th Grade

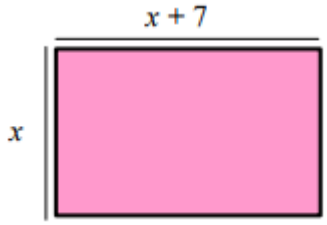
Directions: Complete as many problems as you can. Show your work on loose-leaf.

1) 486 x 65	2) 3822 ÷ 21 =	3) Solve. 5 + (7 - 2) x 6 =
4) Solve 57.521 x 100 = 437.4 ÷ 10 =	5) Write the following number in standard form on the line. one thousand six hundred two and four hundredths _____	6) Compare using <, >, =. g. 14.28 ☐ 1.448 h. 22.766 ☐ 2.276 i. 6.140 ☐ 6.41

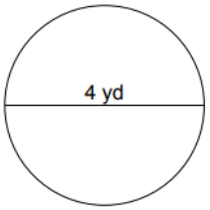
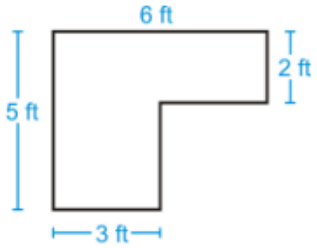
7) 5.9 + 0.31 =	8) 5 - 2.47 =	9) 2.4 x 1.6 =	10) $3\overline{)9.15}$
11) e. $\frac{2}{3} + \frac{5}{4} =$ f. $4\frac{2}{6} + 1\frac{2}{4} =$	12) e. $\frac{5}{8} - \frac{2}{5} =$ f. $3\frac{5}{7} - \frac{7}{2} =$	13) e. $\frac{8}{9} \times \frac{2}{3} =$ f. $\frac{3}{5} \times 3 =$	14) e. $\frac{1}{5} \div 3 =$ f. $4 \div \frac{3}{7} =$

15) Fill in the blank box to show the ratio. $\frac{4}{8} = \frac{\square}{10}$	16) Find the unit rate of 5 apples for $45. $_____ = 1 apple	17) Convert the fraction to a percent and a decimal. $\frac{3}{4} = _____\%$ $\frac{3}{4} = _____$	18) What is 15% of $80?
19) Solve: 2.253 + 0.595 =	20) Solve: 2.375 – 0.804 =	21) Solve: 7.4 x 0.24 =	22) Solve: 15.4 ÷ 0.22 =
23) $6\frac{1}{4}$ x 2 =	24) $3\frac{2}{5} \div \frac{7}{10}$ =	25) Compare using <, >, =. c. -4 ☐ 7 d. 6 ☐ |10|	26) Solve: $10^3 - 4^2 \times 2$
27) Let c = 7 and solve. 3c – 11 =	28) Solve: x + 12 = 20 x = ___	29) Write an inequality. A number x is less than 15. _____	30) What is the area of the triangle?  _____

31) Evaluate:	32) Evaluate:	33) Evaluate:	34) Evaluate:
$-4+3=$	$3-7=$	$-6 g 3=$	$32\div(-8)=$
$(-4)+(-3)=$	$(-3)-7=$	$-6 g(-3)=$	$(-32)\div(-8)=$

35) Solve for k.	36) Find the perimeter. Simplify the expression.	37) Scale Factor:
$\frac{k}{8.4}=\frac{6.8}{11.2}$		2 inches = 12 miles 7 inches = _____miles

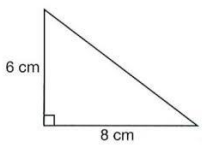
38) Evaluate:	39) Solve the equation:	40) Distribute the expression.
½ **divided by 3 =**	-7y = 35 $y=$ _____	$6(2k-3)$

41) Solve the inequality:	42) Find the Circumference. Use 3.14 for π. C = πd	43) Find the Area.
2n < 12 $n<$ _____		

Name: _____ Date:_____ Grade:_____

Math Computation Entering 8th Grade

Directions: Complete as many problems as you can. Show your work on loose-leaf.

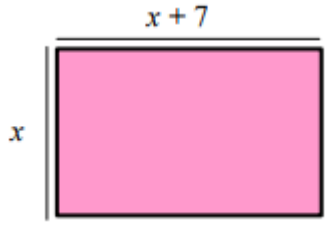
1) Fill in the blank box to show the ratio. $\frac{4}{8} = \frac{\quad}{10}$	2) Find the unit rate of 5 apples for $45. $_____ = 1 apple	3) Convert the fraction to a percent and a decimal. $\frac{3}{4} = _____\%$ $\frac{3}{4} = _____$	4) What is 15% of $80?
5) Solve: 2.253 + 0.595 =	6) Solve: 2.375 – 0.804 =	7) Solve: 7.4 x 0.24 =	8) Solve: 15.4 ÷ 0.22 =
9) $6\frac{1}{4}$ x 2 =	10) $3\frac{2}{5} \div \frac{7}{10}$ =	11) Compare using <, >, =. a. -4 ☐ 7 b. 6 ☐ |10|	12) Solve: $10^3 - 4^2 \times 2$
13) Let c = 7 and solve. 3c – 11 =	14) Solve: x + 12 = 20 x = ___	15) Write an inequality. A number x is less than 15. _____	16) What is the area of the triangle?  _____

17) Evaluate:	18) Evaluate:	19) Evaluate:	20) Evaluate:
$-4+3=$	$3-7=$	$-6 g 3=$	$32\div(-8)=$
$(-4)+(-3)=$	$(-3)-7=$	$-6 g(-3)=$	$(-32)\div(-8)=$

21) Solve for k.

$$\frac{k}{8.4}=\frac{6.8}{11.2}$$

22) Find the perimeter. Simplify the expression.



23) Scale Factor:

2 inches = 12 miles

7 inches = _____miles

24) Evaluate:

$$\frac{\frac{1}{2}}{3}=$$

25) Solve the equation:

$$6y-7=35$$

$y=$ _____

26) Distribute the expression.

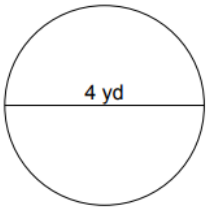
$$6(2k-3)$$

27) Solve the inequality:

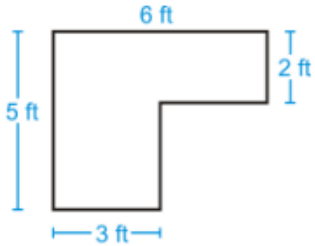
$$2n-7<25$$

$n<$ _____

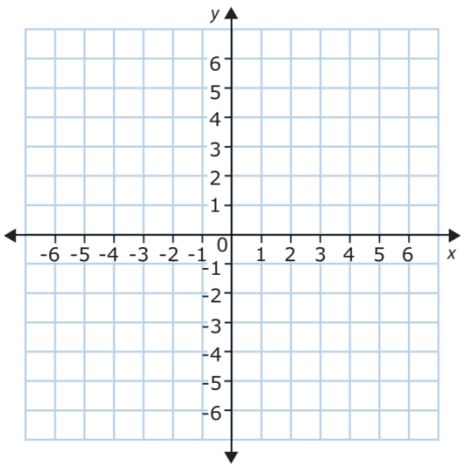
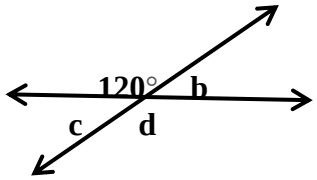
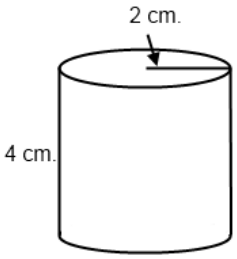
28) Find the Circumference. Use 3.14 for π. C= π d



29) Find the Area.



30) Solve for the variable. $2x + 4 = 24$	31) Solve for the variable. $-3a - 12 = 24$	32) Solve. $-2 + -3 - 8 + 2$	33) Solve. $-4 - (-7) + 5 - 6$

34) Write in standard form. $2.9 \times 10^7 =$ $3.45 \times 10^5 =$	35) Find the slope (m) and the y-intercept (b). $y = 2x - 1$ $m =$ _____ $b =$ _____	36) Write in prime factorization: 32
37) Solve for x. $2x = 10$ **X=_____**	38) Solve for x and y. $8y = 16$ **y=_____**	39) Solve for x. $-13 + 7x = -3(x + 11)$
40) Graph $y = 2x - 3$ 	41) Find the missing angles.  $\angle a = 120°$ $\angle b =$ _____ ° $\angle c =$ _____ ° $\angle d =$ _____ °	42) Find the Volume. Use 3.14 for π.  $V = \pi r^2 h$