50

5. If a rectangle has area 91 and length 7, find width.	

1.	Find the sum of $24\frac{2}{5}$ and $10\frac{3}{8}$	2.	Find difference 8050 - 2423	3.	Find product 47613 and 2015	4.	Divide the lar by smal $\frac{3}{4}$ and

51

5. Which equals 1? $\frac{1}{2} \div \frac{1}{2}$; $\frac{1}{3} + \frac{1}{3}$; $\frac{5}{2} - \frac{2}{5}$; $2\frac{1}{2} \times \frac{2}{5}$; $\frac{3}{4} \times \frac{3}{4}$

1.	Sum 6.7 and 1.82	2.	Find difference: $6\frac{1}{4} - 3\frac{5}{8} =$	3.	Factor and find product: $\frac{25}{40} \times \frac{80}{100}$	4.	Dividend: Divisor: Quotien

52

5. Find the diameter of a circle with radius 6.

1.	1.0034+10.9+ 204.58=	2.	$8\frac{1}{3} - 1\frac{3}{4} =$	3.	Find the product: 8.888×7.77	4.	16)

53

5. If y=2x+1, what is y when x=62?

1.	Sum .7+8.829	2.	Find difference: $5\frac{1}{10} - 2\frac{4}{5} =$	3.	$(.03)^2 =$	4.	Divide: $5342 \div 1$

54

5. Draw a semicircle.

1.	Sum .8+7+.06+.171	2.	Find difference: 8.01-4.32	3.	Find product: $3\frac{5}{6} \times 6 =$	4.	Div $2\frac{4}{5}$ by

55

5. The area of a trapezoid is found by $\frac{B+b}{2}H$. Find the area.

1.	Sum $\frac{3}{8} + \frac{2}{8}$	2.	Find difference 12.16-11.61=	3.	Find product 673.2×1.7002	4.	$931 \div 5$

56

5. What is this figure?							
1.	Sum 6 and 9.24	2.	Find difference 3.9-2.46=	3.	Find product $\dfrac{16}{5} \times \dfrac{25}{8} =$	4.	Find quotien $9 \div$

57

5. Volume of a cone = $\dfrac{base\ area}{3} h$. Find the volume:							
1.	Find the sum of $1\dfrac{3}{8}$ and $3\dfrac{1}{2}$	2.	Find difference: 6.8 – 2.439=	3.	Find the product 943.006 and 1.23	4.	Divide 212 i 8

58

5. If you get paid $2000 per month, how much do you get paid in a year?							
1.	Find the sum: 6.1 .07 3.89	2.	Find difference: 9000-2465	3.	Multiply: $\dfrac{4}{5} \times \dfrac{2}{9} \times \dfrac{3}{4} \times \dfrac{7}{15} =$	4.	Compu $8\dfrac{6}{7}$

59

5. Circle the words which describe the number 6: prime, natural, even, negative, odd, positive, counting, composite.							
1.	Sum $\dfrac{3}{8}$ and $\dfrac{2}{8}$	2.	Find difference $8\dfrac{1}{4} - 3\dfrac{5}{9} =$	3.	Find product of 76.6 and .006	4.	Find quotie $\dfrac{3}{}$

60

5. If you paint 2 eggs and leave 5 alone, what percent of the total are left alone?							
1.	Sum 1.824, 2.345, and 6.716	2.	Find difference: 8.119 – 1.67	3.	Find product .00052×.203	4.	Divide 1338

61

5. The lowest common denominator for $\dfrac{3}{4}$ and $\dfrac{3}{10}$ is?							
1.	Sum $2\dfrac{1}{2}$, $\dfrac{1}{2}$, and $4\dfrac{1}{2}$	2.	Subtract .245 from .3	3.	Find the product of $\dfrac{17}{24}$ and 56	4.	Divi $51\dfrac{1}{2} \div 1$

62

5. If two triangles are similar, what else is true?							
1.	Sum 6, 8.2, .003	2.	Subtract	3.	Divide 6.2 into	4.	Wha

| | | | $4\dfrac{3}{4}$ from $6\dfrac{1}{3}$ | | 582.8 | | $5\dfrac{2}{7}$ divided by |

63

5. The perimeter of a regular hexagon (six equal sides) is 210. How long is each side?

| 1. | Add $\dfrac{3}{8}$ and $\dfrac{1}{4}$ | 2. | Subtract $6\dfrac{5}{8}$ from $9\dfrac{5}{12}$ | 3. | Find product $1\dfrac{1}{2}\times\dfrac{8}{9}=$ | 4. | Divisor : 8 Dividend: 703 Quotien |

64

5. The numeral 2 in the number 631.23 stands for what?

| 1. | Sum 2.3, 4.8, .01, and .001 | 2. | Find difference $48.3 - 24.158$ | 3. | Find product 63.17×188.2 | 4. | Divide $8\dfrac{1}{9}$ by |

65

5. Circle the true statements: .2>1   2.3<.65   .023>.16   2.6=1+1.6

| 1. | Add $6\dfrac{7}{10}$ to $7\dfrac{3}{5}$ | 2. | Subtract 14151 from 53020 | 3. | Divide 11.0126 by 12 | 4. | Find the quoti $2\dfrac{1}{2}\div$ |

66

5. Find perimeter and area:

| 1. | Sum $2\dfrac{3}{4}$, $1\dfrac{1}{6}$, and $4\dfrac{5}{12}$ | 2. | Subtract $2\dfrac{11}{12}$ from $4\dfrac{3}{4}$ | 3. | Multiply: $2\dfrac{1}{9}\times3\dfrac{2}{3}\times1\dfrac{6}{7}=$ | 4. | Compute: |

67

5. Simplify: $(2\times10^{4})+(9\times10^{2})+(3\times10^{1})+7=$

| 1. | Sum $16+13.2+.2+4.801$ | 2. | Subtract 7.238 from 33.8 | 3. | Find product of $.9427\times10,000$ | 4. | Divide 6 into 1 |

68

5. Circle the prime numbers: 6   10   1   7   91
                    23   50   51   49   47

| 1. | $\dfrac{2}{9}+\dfrac{5}{9}=$ | 2. | Subtract the smaller of $\dfrac{1}{4}$ and $\dfrac{1}{3}$ from the other | 3. | $.98\overline{)\,.6076}$ | 4. | Divide $4\dfrac{1}{2}$ into |

69

5. Write with numerals: three hundred and sixty one thousandths.

1.	Sum $\frac{11}{12}$, $\frac{2}{3}$, and $\frac{5}{6}$	2.	Find difference 7-2.335	3.	$4\frac{1}{5} \times 15 \times \frac{1}{2} =$	4.	Divide the smaller i the larger: .15

70

5. There are 6 alley cats in the pack of 20 cats.
   What is the ratio of the alley cats to the others?

1.	Sum 246.01, 6, 41.321, and .421	2.	Subtract $\frac{3}{4}$ from 6	3.	Find product $\frac{1}{7} \times \frac{7}{8} \times \frac{4}{5} =$	4.	Divide $\frac{3}{8}$ b

71

5. A deposit is like an advance payment. If you leave a deposit of \$50 on skis, and rent them at \$20 per day for 4 days, how much do you owe?

1.	Add $\frac{1}{8}$ and $\frac{2}{3}$	2.	Take 2.34 from 65	3.	Find product $4\frac{1}{3} \times 1\frac{3}{5} \times 15 =$	4.	What is 194 divide by 3

72

5. Average 20, 17, 26 and 31.

1.	Sum 462.3, 5, 8.6, 23.04, and 2	2.	Take 7645 from 82231	3.	Find product 19.9 × .82	4.	Divide the sma by the larg $\frac{9}{10}$

73

5. How many .05-gram bits can be chipped from a 2gram bar of steel?

1.	Sum $1\frac{1}{46} + \frac{1}{46}$	2.	Subtract $\frac{5}{12}$ from $\frac{7}{8}$	3.	Find product: $\frac{4}{7} \times 7 \times 2\frac{3}{8} =$	4.	Divide 368 by

74

5. Which point(s) has(have) one positive and one negative coordinate?

1.	Sum 8762.341 and 241.46	2.	Subtract the smaller from the larger: .98 and 1.0	3.	441×.008=	4.	$\frac{1}{12} \div \frac{7}{12}$

75

5. If a trip to the bank and back is 6 miles total, how far is it just to the bank?

1.	Sum $\frac{1}{25}$ and $\frac{3}{25}$	2.	Subtract $2\frac{7}{8}$ from 8	3.	.35×.22=	4.	931 ÷ 5

76

5. Round 82,949 to the nearest thousand.							
1.	Sum 2365.81; 462.83; 21; .34	2.	Find difference 9 – 2.46	3.	$1.8 \div 72=$	4.	

77

5. Draw a triangular prism and then draw a rectangular prism.							
1.	Sum $1\frac{45}{81} + 5\frac{5}{81} =$	2.	$45\frac{3}{11} - 15\frac{2}{3} =$	3.	$2\frac{1}{3} \times 6 \times \frac{11}{12} =$	4.	Divide larger smaller: 417

78

5. Which person won 4 times?							
1.	18.34+9.6+248.3=	2.	Find difference 4.5 - .6733=	3.	Divide $9\frac{7}{8}$ by $4\frac{1}{2}$	4.	Find the produ 48.9×.5

79

5. Factor 450 using a factor tree.							
1.	Sum $4\frac{5}{12}$ and $\frac{7}{12}$ and $\frac{5}{6}$	2.	Subtract .3466 from 65	3.	Divvied .288 by .08	4.	$630\overline{)49}$

80

5. Find perimeter and then area of a square with side .2							
1.	$4\frac{4}{5}$ $+ 6\frac{7}{10}$	2.	7.2 – 1.67 =	3.	$3\frac{1}{3} \times \frac{3}{5} =$	4.	$.7\overline{)}$

81

5. $6^3 = ?$							
1.	10.31 12.8 + 6.2	2.	$37\frac{2}{5}$ $-21\frac{17}{20}$	3.	$.2 \times .3=$	4.	$1\frac{1}{2} \div \frac{9}{16}$

82

5. Write 7 x 7 x 7 x 7 x 7 x 7 using an exponent.								

1.	$6\dfrac{7}{12}+\dfrac{3}{8}+5\dfrac{1}{6}=$	2.	17.68 – 5=	3.	$2\dfrac{1}{5}\times\dfrac{5}{6}=$	4.	$.2\overline{)00}$

83

5. If there are 1,000,000 cubic centimeters in one cubic meter, how many cubic centimeters are there in 15 cubic meters?	

1.	683 + 2.6 =	2.	$8\dfrac{5}{8}$ $-3\dfrac{7}{8}$	3.	.032 × 6=	4.	$1\dfrac{1}{8}\div\dfrac{3}{32}$

84

5. What is the greatest common factor of 36 and 48?	

1.	$3\dfrac{3}{4}$ $+7\dfrac{5}{12}$	2.	6.2 - .875=	3.	$6\dfrac{3}{4}\times\dfrac{2}{3}=$	4.	$.5\overline{)}$

85

5. Draw two parallel lines.	

1.	12.6+13.4+.789=	2.	$8\dfrac{1}{5}$ $-6\dfrac{3}{10}$	3.	6 × .002 =	4.	$8\dfrac{3}{4}\div\dfrac{?}{8}$

86

5. Graph the number 4.3 on a numberline.	

1.	$11\dfrac{17}{24}$ $+4\dfrac{5}{12}$	2.	63.68 – 1.4 =	3.	$3\dfrac{1}{8}\times\dfrac{8}{15}=$	4.	$\dfrac{.0009}{.3}$

87

5. If 20% of your salary goes to taxes, and if you earn $20,000 a year, how much do you pay in taxes?	

| 1. | 17.8+16.56+12= | 2. | $11\frac{11}{12}$ $-8\frac{1}{4}$ | 3. | $4\frac{1}{2}\times\frac{2}{9}=$ | 4. | 1.8 36 |

88

5. Graph the points A=(2, -6); B=(-3,4); and C=(-1;-3) on any x-y coordinates system.

| 1. | $3\frac{2}{3}$ $+3\frac{1}{6}$ | 2. | 463.8 – 57.4 = | 3. | .3 x .2 x.4 = | 4. | .8 |

89

5. Write in simplest form: $(7\times10^{3})+(5\times10^{2})+(8\times10)+(5\times1)$

| 1. | 123+62.78+5.6= | 2. | $6\frac{7}{10}$ $-4\frac{4}{5}$ | 3. | 1.1 x 6 = | 4. | $\frac{9}{7.2}$ |

90

5. Draw a right angle, and write how many degrees are in it.

| 1. | $6\frac{3}{4}$ $+16\frac{7}{8}$ | 2. | 72 – 63.68 = | 3. | $4\frac{1}{2}\times\frac{2}{9}=$ | 4. | $.0552\div.$ |

91

5. A map is drawn so that 1 inch is the same as 4 miles. If on a map two cities are
   12 inches apart, how far apart are they in miles?

| 1. | 81.672 + 4.9 + 100 = | 2. | $16\frac{3}{10}$ $-8\frac{1}{2}$ | 3. | $(.02)^{3}=$ | 4. | $1\frac{3}{5}\div\frac{2}{3}$ |

92

5. What fraction of these numbers are prime?   81, 61, 41, 31, 21, 11

1.	$6\frac{7}{12}+\frac{3}{8}+5\frac{1}{6}=$	2.	783.46 – 62.94 =	3.	$5\frac{1}{3}\times 4\frac{1}{2}=$	4.	$126\div 4.2$

93

5. If A>B and C>A, what else is true? A>C; B>C; B<A; C>B; C≠B

1.	21.99+3.8+267.4=	2.	$6\frac{1}{6}$ $-5\frac{1}{2}$	3.	.06 × .05 =	4.	$1\frac{5}{6}\div\frac{5}{12}$

94

5. Let *x*=6, *y*=4, and *z*=3. Then $y^2+2xz+z=?$

1.	$8\frac{7}{8}$ $+2\frac{1}{3}$	2.	678.23 – 12 =	3.	$2\frac{5}{8}\times 1\frac{5}{7}=$	4.	$.6\div$

95

5. What number is 6 less than 1?

1.	16 + 22 + 7.34 =	2.	$14\frac{3}{8}$ $-\frac{9}{10}$	3.	$(.3)^3=$	4.	$2\frac{1}{8}\div\frac{9}{10}$

96

5. If <u>A</u> is equal to 4, what is <u>B</u> if <u>A</u> added to 16 is the same as <u>B</u> multiplied by 2?

1.	$6\frac{3}{5}$ $+7$	2.	74.5 – 16.82 =	3.	$3\frac{3}{4}\times 1\frac{1}{5}=$	4.	$6\div .6$

97

5. Draw a circle. Put a point A somewhere inside the circle, point B outside the circle, and point X on the circle.

1.	16.9+4.56+12=	2.	$11\frac{17}{24}$ $-4\frac{5}{12}$	3.	$(.7)^3=$	4.	$1\frac{5}{8}\div 1\frac{7}{32}$

98

5. How long does a relay team run if the four individuals times are
    50.3, 51.5, 49.6, and 49.8?

| 1. | $\dfrac{7}{12}$ $+1\dfrac{11}{12}$ | 2. | 94.62 – 18.77 = | 3. | $3\dfrac{3}{4}\times1\dfrac{1}{5}=$ | 4. | 57.6 .08 |

99

5. A pile of 1200 bricks was used this way: $\dfrac{1}{3}$ went for the chimney, $\dfrac{1}{4}$ went for the patio

trim, $\dfrac{1}{6}$ went for a mailbox post, and $\dfrac{1}{4}$ went for erosion control. How many bricks were

used?

| 1. | 29.66+6.742+12= | 2. | $9\dfrac{1}{2}$ $-5\dfrac{3}{4}$ | 3. | $(.02)^2=$ | 4. | $3\dfrac{1}{5}\div1\dfrac{}{}$ |

100

5. A Styx record cost $6.95, a new needle cost $7.12, and earplugs for the parents cost
    50c per pair. How much change was let from $15?

| 1. | -5 +1 = | 2. | $3\dfrac{2}{3}$ $2\dfrac{1}{6}$ $+2\dfrac{7}{12}$ | 3. | 12.9 – 6.734 = | 4. | $2\dfrac{2}{3}\times3\dfrac{3}{8}=$ | 5. | 45.5 .65 |

101

6. Complete this pattern: 57, 49, ___, ___, 25, 17, 9

| 1. | 5+ -1= | 2. | 28.4+9.5+16= | 3. | $9\dfrac{1}{2}$ $-\dfrac{2}{3}$ | 4. | 2.14 $\times.03$ | 5. | $\dfrac{3}{4}\div\dfrac{7}{8}$ |

102

6. Which digit is in the thousandth's place in the numeral 6,874.01578?

1.	-5 + -1=	2.	$4\dfrac{4}{5}$ $+6\dfrac{7}{10}$	3.	96.4-12.9=	4.	$2\dfrac{1}{3}\times1\dfrac{1}{5}=$	5.	670.8÷.7

103

6. What is the perimeter of this figure?

1.	-4 + 7 =	2.	62.4 + .876 + 17.45 =	3.	$9\dfrac{5}{8}$ $-6\dfrac{1}{4}$	4.	3.88 $\times.8$	5.	$3\dfrac{1}{5}\div1\dfrac{1}{3}$

104

6. Which two triangles are similar?

1.	4 + -7=	2.	4 – 7 =	3.	$4\dfrac{5}{6}$ $+3\dfrac{1}{2}$	4.	84.5 – 6.98 =	5.	$2\dfrac{1}{6}\times2\dfrac{2}{3}=$	6.	90 : .1

105

7. Which figure inside a square has the greatest area?

1.	-4 + -7=	2.	-4- -7 =	3.	92.37+.999+28.2=	4.	$37\dfrac{2}{5}$ $-21\dfrac{17}{20}$	5.	10.50 $\times\underline{60}$	6.	$1\dfrac{5}{8}\div1\dfrac{7}{32}$

106

6. Complete this number sentence: _____ = 7×10^4

1.	-5 + 6 =	2.	-5 – 2 =	3.	$8\dfrac{1}{5}$ $+9\dfrac{9}{10}$	4.	100 – 68.4 =	5.	$1\dfrac{7}{16}\times1\dfrac{5}{9}=$	6.	16÷ .6

107

7. The volume of a cube is equal to the area of the base times the height. If the are of the base is 4cm^2 and the height is 2cm, what is the volume?

1.	-5 + -6 =	2.	5- -2 =	3.	64.7+2.95+100.04=	4.	$11\frac{17}{24}$ $-4\frac{5}{12}$	5.	$.80$ $\times\ \underline{7}$	6.	$4\frac{2}{3}\div 1\frac{?}{5}$

108

7. George goes to the store to buy a tape at $7.98, a book at $2.95, and some batteries at $3.19. Estimate to the nearest dollar how much muney he will spend.

1.	5+ -6=	2.	-5- -2=	3.	-5×-6=	4.	$2\frac{2}{3}$ $+6\frac{4}{5}$	5.	4-.692=	6.	$2\frac{2}{5}\times 1\frac{3}{16}$	7.	$12\div\frac{1}{6}$

109

8. Is ABC acute, right, or obtuse?

1.	-6+7=	2.	-6 - 3=	3.	-6×7=	4.	6.5+22.438=	5.	$7\frac{1}{4}$ $-\frac{3}{4}$	6.	840 $\times\ \underline{.06}$	7.	$11\frac{1}{4}\div$

110

8. Which figure is an octogon?

1.	6+-7=	2.	6- -3=	3.	6×-7=	4.	$16\frac{1}{4}$ $+14\frac{5}{8}$	5.	19.46 - 10.5=	6.	$1\frac{3}{4}\times 3\frac{1}{3}$	7.	$\frac{972}{.108}$

111

8. If y=/81, what is the value of y?

1.		2.		3.		4.	$6\overline{)3}$

112

6.

1.		2.		3.		4.	$6\overline{)3}$

113

6.

1.		2.		3.		4.	$6\overline{)3}$

114

6.				
------	------	------	------	------
1.	2.	3.	4.	$6\overline{)3}$

115

6.				
------	------	------	------	------
1.	2.	3.	4.	$6\overline{)3}$

116

6.				
------	------	------	------	------
1.	2.	3.	4.	$6\overline{)3}$

117

6.				
------	------	------	------	------
1.	2.	3.	4.	$6\overline{)3}$

118

6.				
------	------	------	------	------
1.	2.	3.	4.	$6\overline{)3}$

119

6.				
------	------	------	------	------
1.	2.	3.	4.	$6\overline{)3}$

120

6.				
------	------	------	------	------
1.	2.	3.	4.	$6\overline{)3}$

121

6.				
------	------	------	------	------
1.	2.	3.	4.	$6\overline{)3}$

122

6.				
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1.	2.	3.	4.	$6\overline{)3}$

123

6.				
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1.	2.	3.	4.	$6\overline{)3}$