

## Division D

## 7<sup>th</sup> and 8<sup>th</sup> Grade

### Mental Math

Question	Answer
$10000 \times .043 =$	4300
$(7 \times 3) + (7 + 3) =$	31
$9 + 8 + 7 = 6 + 5 + ?$ Solve for ?	13
Find the value of 7 cubed.	294
What is the largest two digit prime number less than 100?	97
$4! =$	24
$.3 \times .08$	.024
20 divided by $\frac{1}{5} =$	100
10 to the 4 <sup>th</sup> power =	10,000
How many halves are in four ones?	8
Sixty-four per cent of the children in school are girls. What percentage are boys?	36
The side of a square is two inches. What is the area of the square?	4 sq inches
A coach trip starts at nine fifty. It lasts thirty-five minutes. At what time does it finish?	10:25
The temperature outside is minus three degrees Celsius. What will be the temperature after it rises seven degrees?	4
$(15 + 5) \div (3 + (3 - 2) \times 2) =$	4
What is 700 divided by .0010?	700,000
$\frac{2}{3}$ of $\frac{3}{4}$ of a number is 12. What is the Number?	24
A raisin weights 1.2 grams and that is .9 grams less than a grape. What is the weight of 2 raisins?	2.4 grams
How much is 25% of \$200?	50

A book costs \$1.70. Jane saves 50 cents each week. How many weeks will it be before she can buy it?	4
What is the cost of three itunes at \$1.99 each?	5.97
Subtract eight and nine from twenty-five.	8
What number fills the gap? $35 \times ? = 105$	3
A box holds 22 apples. How many apples are there in 20 boxes?	440
$\frac{1}{5} + \frac{3}{10} =$	$\frac{5}{10}$ or $\frac{1}{2}$
Put these fractions in order smallest to largest $\frac{1}{10}$ , $\frac{4}{9}$ , $\frac{3}{100}$ .	$\frac{3}{100}$ , $\frac{1}{10}$ , $\frac{4}{9}$
Complete the following pattern with the next 3 terms  51, 48, 44, 39  10, 18, 14, 12, 18,	33,26,18  16, 15, 19
Write three thousand one hundred and five.	3105
What decimal is equivalent to $\frac{2}{5}$ ?	.40
What percentage is equivalent to 0.07?	7 percent