

Name _____

Level 1: ___/3 Level 2: ___/3

Date _____ Home room _____

Level 3: ___/6 Level 4: ___/1

Unit 3: Multi-digit computation & finding common factors & multiples

Prior Skills

1. List all the factors 24: _____ [4.OA.B4]
2. List the first five multiples of 6: _____ [4.OA.B4]
3. Define and give an example of a prime number: _____
_____ [4.OA.B4]
4. Define and give an example of a composite number: _____
_____ [4.OA.B4]
5. Divide $48 \div 3 =$ _____ [5.NBT6]

Level 1 + ___/3

1. Consider the equation showing the distributive property. Write the unknown value making the equation true. [6.NS.4]

$$24 + 30 = 6(4 + \underline{\quad})$$

2. Circle **all** the expressions that are equivalent to $12 + 6$. [6.NS.4]

A. $2(6 + 3)$

B. $12(2 + 4)$

C. $3(4 + 2)$

D. $6(2 + 1)$

3. Using any strategy you know, solve $\$12.32 \div \$4 =$ _____ [6.NS.3]

Level 2 + ____ / 3

1. An industrial machine can make 245 crayons a day. If each box of crayons has 20 crayons in it, how many full boxes does the machine make a day? Use any strategy to solve. [5.NBT.6]

2. List **all** the common factors of 12 & 18: _____ [4.OA.B.4]

3. Find any three common multiples of 8 & 6: _____ [4.OA.B.4]

Level 3 + ____ / 6

1. What is the greatest common factor of 24 & 36? _____ [6.NS.4]

2. What is the least common multiple of 6 and 8? _____ [6.NS.4]

3. Use the standard algorithm to solve $16,536 \div 24 =$ _____ [6.NS.2]

4. Use the standard algorithm to solve $35,702 \div 25 =$ _____ [6.NS.2]

5. Use the standard algorithm to solve $0.912 \div 0.24 =$ _____ [6.NS.3]

6. Consider the equation showing the distributive property. Fill in the blanks that would make the equation true. [6.NS.4]

$$86 + 72 = \underline{\quad} (\underline{\quad} + \underline{\quad})$$

1. Analyze the following set of numbers and write a generalization regarding multiples and factors of the set of numbers. [6.NS.4]

6 & 35: _____
