Name _____ Date _____

Show the division using disks. Relate your model to long division. Check your quotient by using multiplication and addition.

1. 5 ÷ 4

Ones

4 ⟌ 5

quotient = _____

remainder = _____

Check Your Work

2. 56 ÷ 4

Tens	Ones

4 ⟌ 5 6

quotient = _____

remainder = _____

Check Your Work

Multiply in columns - 2 digit by 2 digit

Grade 4 Multiplication Worksheet

Find the product.

1. $\begin{array}{r} 55 \\ \times\ 37 \\ \hline \\ \hline \end{array}$

2. $\begin{array}{r} 77 \\ \times\ 22 \\ \hline \\ \hline \end{array}$

3. $\begin{array}{r} 57 \\ \times\ 76 \\ \hline \\ \hline \end{array}$

4. $\begin{array}{r} 48 \\ \times\ 44 \\ \hline \\ \hline \end{array}$

5. $\begin{array}{r} 42 \\ \times\ 45 \\ \hline \\ \hline \end{array}$

6. $\begin{array}{r} 16 \\ \times\ 11 \\ \hline \\ \hline \end{array}$

7. $\begin{array}{r} 89 \\ \times\ 20 \\ \hline \\ \hline \end{array}$

8. $\begin{array}{r} 12 \\ \times\ 25 \\ \hline \\ \hline \end{array}$

9. $\begin{array}{r} 20 \\ \times\ 50 \\ \hline \\ \hline \end{array}$

Name _____ Date _____

Solve using the standard algorithm. Check your quotient and remainder by using multiplication and addition.

1. 93 ÷ 7

2. 99 ÷ 8

Multiply in columns - 2 digit by 2 digit

Grade 4 Multiplication Worksheet

Find the product.

1. $\begin{array}{r} 28 \\ \times\ 23 \\ \hline \\ \hline \end{array}$

2. $\begin{array}{r} 22 \\ \times\ 82 \\ \hline \\ \hline \end{array}$

3. $\begin{array}{r} 49 \\ \times\ 63 \\ \hline \\ \hline \end{array}$

4. $\begin{array}{r} 92 \\ \times\ 35 \\ \hline \\ \hline \end{array}$

5. $\begin{array}{r} 18 \\ \times\ 18 \\ \hline \\ \hline \end{array}$

6. $\begin{array}{r} 75 \\ \times\ 23 \\ \hline \\ \hline \end{array}$

7. $\begin{array}{r} 51 \\ \times\ 73 \\ \hline \\ \hline \end{array}$

8. $\begin{array}{r} 71 \\ \times\ 23 \\ \hline \\ \hline \end{array}$

9. $\begin{array}{r} 70 \\ \times\ 39 \\ \hline \\ \hline \end{array}$

Name _____ Date _____

1. Molly's photo album has a total of 97 pictures. Each page of the album holds 6 pictures. How many pages can Molly fill? Will there be any pictures left? If so, how many? Use place value disks to solve.

2. Marti's photo album has a total of 45 pictures. Each page holds 4 pictures. She said she can only fill 10 pages completely. Do you agree? Explain why or why not.

Multiply in columns - 2 digit by 3 digit

Grade 4 Multiplication Worksheet

Find the product.

1. $\begin{array}{r} 554 \\ \times\ 73 \\ \hline \\ \hline \end{array}$

2. $\begin{array}{r} 416 \\ \times\ 89 \\ \hline \\ \hline \end{array}$

3. $\begin{array}{r} 538 \\ \times\ 88 \\ \hline \\ \hline \end{array}$

4. $\begin{array}{r} 774 \\ \times\ 92 \\ \hline \\ \hline \end{array}$

5. $\begin{array}{r} 831 \\ \times\ 34 \\ \hline \\ \hline \end{array}$

6. $\begin{array}{r} 945 \\ \times\ 22 \\ \hline \\ \hline \end{array}$

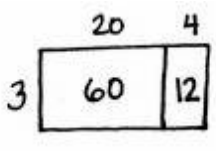
7. $\begin{array}{r} 665 \\ \times\ 39 \\ \hline \\ \hline \end{array}$

8. $\begin{array}{r} 621 \\ \times\ 20 \\ \hline \\ \hline \end{array}$

9. $\begin{array}{r} 440 \\ \times\ 46 \\ \hline \\ \hline \end{array}$

Name _____ Date _____

1. Tony drew the following area model to find an unknown length. What division equation did he model?

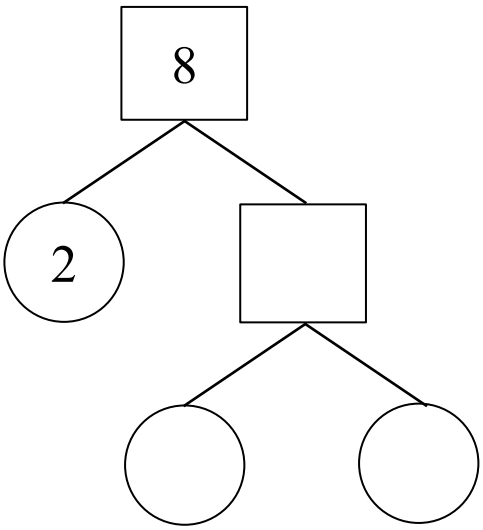


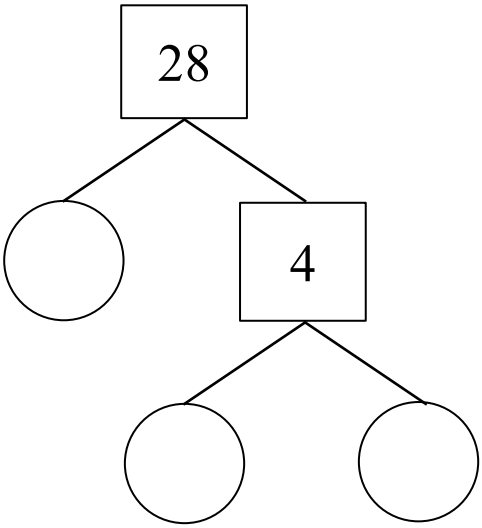
2. Solve 42 ÷ 3 using the area model, a number bond, and a written method.

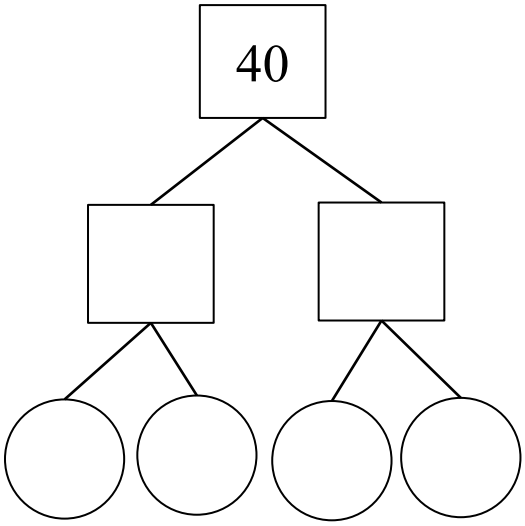
Prime factor trees

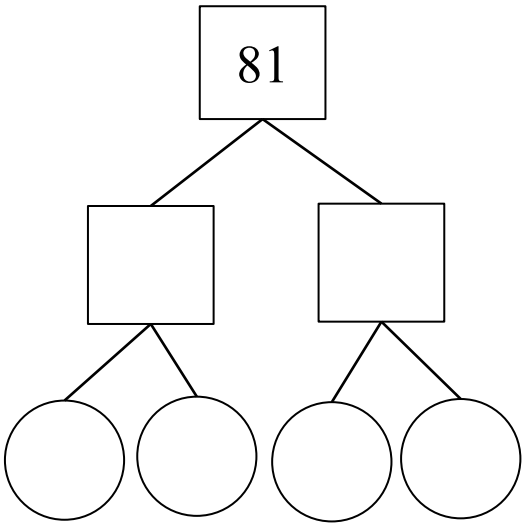
Grade 4 Factoring Worksheet

Complete the factor tree to find the prime factors of each number.



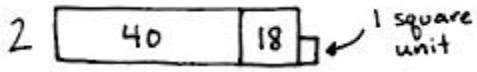






Name _____ Date _____

1. Kyle drew the following area model to find an unknown length. What division equation did he model?



2. Solve 93 ÷ 4 using the area model, long division, and the distributive property.

Prime factor trees

Grade 4 Factoring Worksheet

Complete the factor tree to find the prime factors of each number.