Getting Ready for 5th Grade

1. Multiplication Fact Fluency
2. Division Fact Fluency
3. Place Value and Rounding
4. Adding with Regrouping
5. Subtracting with Regrouping
6. Multiplying Two-Digit and Three-Digit Numbers
7. Dividing Three-Digit and One-Digit Numbers

Multiplication Fact Fluency

Find the product.

1. $2 \times 8 =$
2. $3 \times 9 =$
3. $4 \times 5 =$
4. $12 \times 6 =$
5. $11 \times 7 =$
6. $10 \times 8 =$
7. $12 \times 9 =$
8. $3 \times 5 =$
9. $4 \times 6 =$
10. $9 \times 0 =$
11. $6 \times 11 =$
12. $4 \times 10 =$
13. $1 \times 12 =$
14. $7 \times 8 =$
15. $5 \times 6 =$
16. $2 \times 9 =$
17. $3 \times 7 =$
18. $7 \times 12 =$
19. $2 \times 11 =$
20. $6 \times 9 =$

For further practice, students can fill in the multiplication chart at:
https://www.k5learning.com/worksheets/math-drills/multiplication/multiplication-facts-table-2-12-e.pdf

Division Fact Fluency

Find the quotient.

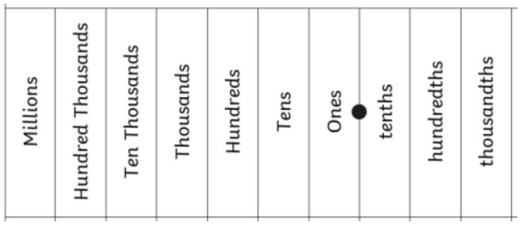
1. $28 \div 7 =$
2. $99 \div 11 =$
3. $96 \div 12 =$
4. $42 \div 6 =$
5. $40 \div 8 =$
6. $36 \div 9 =$
7. $90 \div 10 =$
8. $27 \div 3 =$
9. $18 \div 9 =$
10. $63 \div 9 =$
11. $72 \div 8 =$
12. $18 \div 6 =$
13. $36 \div 9 =$
14. $32 \div 4 =$
15. $84 \div 7 =$
16. $144 \div 12 =$
17. $35 \div 5 =$
18. $132 \div 11 =$
19. $88 \div 8 =$
20. $56 \div 7 =$

For further practice, students can fill in the multiplication chart at:

https://www.k5learning.com/worksheets/math-drills/division/division-facts-tables-d.pdf

Place Value and Rounding

Whole numbers are 0, 1, 2, 3, … A digit is any of the numbers 0 – 9. The value of each digit in a number depends on the position, or place, of the digit within the number.



To round a number means to approximate it to a given place. When rounding, look at the digit to the right of the given place. If the digit to the right is less than 5, keep the digit the same. If the digit to the right is 5 or greater, round up.

Ex 1 – Round 88.173 to the nearest hundredth

88.17

Ex 2 – Round 197,862 to the nearest thousand

198,000

Write the place value of the underlined digit.

1. 2<u>3</u>,450,781
2. 6<u>2</u>4,930
3. 5,785,<u>2</u>14
4. 3.17<u>8</u>
5. 5.<u>9</u>31
6. <u>1</u>.938
7. 2.1<u>3</u>7

Round the following numbers.

8. 112.3497 to the nearest thousandth
9. 357.0815 to the nearest hundredth
10. 9172.043 to the nearest thousand
11. 482,615.8 to the nearest ten thousand
12. 10,064.6575 to the nearest ten

Compare using $<$, $>$, or $=$.

13. 123,476 ◯ 123,467

14. 34,150 ◯ 43,150

15. 802,143 ◯ 802,143

16. 76,534 ◯ 76,543

17. 6.123 ◯ 6.321

18. 6.8 ◯ 6.795

19. 0.016 ◯ fifteen thousandths

20. 11.01 ◯ 11.010

Adding with Regrouping

When adding, remember to:

- Line up the place values
- Add the digits starting with the ones and then higher place values
- Regroup as needed

Ex - $2{,}356 + 1{,}653$

1.
$$\begin{array}{r} 2{,}356 \\ +\ 1{,}653 \\ \hline 9 \end{array}$$

2.
$$\begin{array}{r} {\scriptstyle 1} \\ 2{,}356 \\ +\ 1{,}653 \\ \hline 09 \end{array}$$

3.
$$\begin{array}{r} {\scriptstyle 1\ 1} \\ 2{,}356 \\ +\ 1{,}653 \\ \hline 009 \end{array}$$

4.
$$\begin{array}{r} {\scriptstyle 1\ 1} \\ 2{,}356 \\ +\ 1{,}653 \\ \hline 4{,}009 \end{array}$$

Find the sum.

1. $\begin{array}{r} 12{,}518 \\ +\ 9{,}245 \\ \hline \end{array}$

2. $\begin{array}{r} 10{,}435 \\ +\ 23{,}750 \\ \hline \end{array}$

3. $12{,}784 + 3{,}897$

4. $\begin{array}{r} 18{,}537 \\ +\ 12{,}439 \\ \hline \end{array}$

5. $\begin{array}{r} 12{,}518 \\ +\ 9{,}245 \\ \hline \end{array}$

6. $5{,}209 + 3{,}078$

7. $22{,}667 + 45{,}435$

8. $5{,}235 + 5{,}384$

9. $15{,}457 + 34{,}796$

10. A baseball player eats 1,650 calories before noon and 1,360 calories after noon. How many total calories did the player eat?

Subtracting with Regrouping

When subtracting, remember to:

- Line up the place values
- Subtract the digits starting with the ones and then higher place values
- Regroup as needed

Ex - $314 - 157$

1.

$$\begin{array}{r} {\scriptstyle 0\ 14} \\ 3\ \not{1}\ \not{4} \\ -\ 1\ 5\ 7 \\ \hline 7 \end{array}$$

2.

$$\begin{array}{r} {\scriptstyle 10} \\ {\scriptstyle 2\ \not{0}\ 14} \\ \not{3}\ \not{1}\ \not{4} \\ -\ 1\ 5\ 7 \\ \hline 1\ 5\ 7 \end{array}$$

Find the difference.

1. $\begin{array}{r} 345 \\ -\ 230 \\ \hline \end{array}$

2. $\begin{array}{r} 587 \\ -\ 369 \\ \hline \end{array}$

3. $523 - 147$

4. $\begin{array}{r} 737 \\ -\ 288 \\ \hline \end{array}$

5. $\begin{array}{r} 2{,}518 \\ -\ 1{,}247 \\ \hline \end{array}$

6. $2{,}400 - 1{,}278$

7. $250{,}086 - 25{,}752$

8. $15{,}285 - 5{,}384$

9. $100{,}528 - 45{,}613$

10. You want to check the engine of a truck when it has been driven 100,000 miles. If you have driven 83,586 miles so far, how many more miles until you check your engine?

Multiplying Two-Digit and Three-Digit Numbers

Use a four-step process to multiply two-digit numbers. When multiplying by three-digit numbers, indent using zeros as placeholders.

Remember to write the dollar sign and decimal point in problems dealing with money.

Ex - 25×11

3.

$$\begin{array}{r} 25 \\ \times\ 11 \\ \hline 5 \end{array}$$

4.

$$\begin{array}{r} 25 \\ \times\ 11 \\ \hline 25 \end{array}$$

5.

$$\begin{array}{r} 25 \\ \times\ 11 \\ \hline 25 \\ +\ 250 \\ \hline \end{array}$$

6.

$$\begin{array}{r} 25 \\ \times\ 11 \\ \hline 25 \\ +\ 250 \\ \hline 275 \end{array}$$

Multiply.

1. 52×14
2. $\$0.85 \times 22$
3. 49×67
4. 36×24
5. 25×17
6. $\$0.72 \times 12$

7. 412×3

8. 308×5

9. 564×2

10. 347×7

11. $\$2.65 \times 6$

12. 260×8

13. A store sells 34 gallons of paint for $25 each. How much money does the store collect?

Dividing Three-Digit and One-Digit Numbers

When dividing, remember to:

- Divide
- Multiply
- Subtract
- Bring down

Ex - $769 \div 3$

1.

$$\begin{array}{r} 2 \\ 3\overline{)769} \\ -6 \\ \hline 1 \end{array} \quad \leftarrow 3 \times 2 = 6$$

2.

$$\begin{array}{r} 25 \\ 3\overline{)769} \\ -6\downarrow \\ \hline 16 \\ -15 \\ \hline 1 \end{array} \quad \leftarrow 3 \times 5 = 15$$

3.

$$\begin{array}{r} 256 \\ 3\overline{)769} \\ -6\downarrow \\ \hline 16 \\ -15\downarrow \\ \hline 19 \\ -18 \\ \hline 1 \end{array} \quad \leftarrow 3 \times 6 = 18$$

4,009

4.

$$\begin{array}{r} 256 \text{ R1} \\ 3\overline{)769} \\ -6 \\ \hline 16 \\ -15 \\ \hline 19 \\ -18 \\ \hline 1 \end{array}$$

Multiply.

1. $150 \div 3$
2. $414 \div 9$
3. $256 \div 8$
4. $287 \div 7$
5. $992 \div 8$
6. $661 \div 3$

7. $336 \div 8$

8. $228 \div 6$

9. $224 \div 7$

10. 347×7

11. $984 \div 2$

12. $453 \div 4$

13. You make party bags with 7 items in each bag. You have 259 items. How many party bags can you make?