Getting Ready for 4th Grade

1. Multiplication Fact Fluency
2. Division Fact Fluency
3. Place Value and Rounding
4. Adding with Regrouping
5. Subtracting with Regrouping
6. Problem Solving

Multiplication Fact Fluency

Find the product.

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

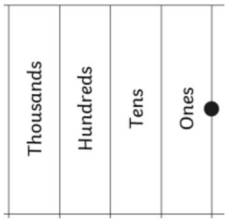
1. $35 \div 7 =$
2. $90 \div 10 =$
3. $48 \div 8 =$
4. $42 \div 6 =$
5. $40 \div 5 =$
6. $36 \div 4 =$
7. $9 \div 1 =$
8. $24 \div 3 =$
9. $18 \div 6 =$
10. $63 \div 7 =$
11. $32 \div 8 =$
12. $30 \div 6 =$
13. $60 \div 10 =$
14. $24 \div 4 =$
15. $14 \div 7 =$
16. $9 \div 3 =$
17. $45 \div 5 =$
18. $16 \div 4 =$
19. $40 \div 8 =$
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 52 to the nearest ten

50

Ex 2 – Round 8,862 to the nearest thousand

9,000

Write the place value of the underlined digit.

1. 24<u>5</u>
2. <u>4</u>5
3. 6<u>3</u>
4. 5,<u>4</u>78
5. <u>3</u>89
6. 1<u>7</u>5
7. <u>4</u>,503

Round the following numbers.

8. 528 to the nearest hundred
9. 459 to the nearest ten
10. 8,162 to the nearest thousand
11. 836 to the nearest ten
12. 72 to the nearest hundred

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

13. 578 ◯ 587

14. 4,150 ◯ 3,150

15. 143 ◯ 143

16. 534 ◯ 543

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 - $478 + 361$

1.
$$\begin{array}{r} 478 \\ +\ 361 \\ \hline 9 \end{array}$$

2.
$$\begin{array}{r} {\scriptstyle 1} \\ 478 \\ +\ 361 \\ \hline 39 \end{array}$$

3.
$$\begin{array}{r} {\scriptstyle 1} \\ 478 \\ +\ 361 \\ \hline 839 \end{array}$$

Find the sum.

1. $\begin{array}{r} 727 \\ +\ 125 \\ \hline \end{array}$

2. $\begin{array}{r} 207 \\ +\ 429 \\ \hline \end{array}$

3. $777 + 234$

4. $\begin{array}{r} 323 \\ +\ 589 \\ \hline \end{array}$

5. $\begin{array}{r} 967 \\ +\ 24 \\ \hline \end{array}$

6. $593 + 127$

7. $328 + 305$

8. $432 + 79$

9. $596 + 275$

10. You drive from Detroit, MI to Atlanta, GA. On the first day, you drive 356 miles and 366 miles on the second day. How many miles was the trip in all?

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. $\begin{array}{r} 235 \\ -\ 123 \\ \hline \end{array}$

2. $\begin{array}{r} 476 \\ -\ 359 \\ \hline \end{array}$

3. $423 - 154$

4. $\begin{array}{r} 537 \\ -\ 169 \\ \hline \end{array}$

5. $\begin{array}{r} 1{,}528 \\ -\ \ 356 \\ \hline \end{array}$

6. $1{,}200 - 1{,}106$

7. $786 - 752$

8. $5{,}285 - 3{,}384$

9. $528 - 419$

10. A blue marlin weighs 475 pounds. A swordfish weighs 389 pounds. How much more does the blue marlin weigh than the swordfish?

Problem Solving

Problem Solving Plan:

1. Read the problem.
2. Ask, “What do I know?”
3. Ask, “What do I need?”
4. Think about what you should do.
5. Solve the problem.

Solve the problem.

1. Your dog had 6 puppies. You took the puppies to the vet to get their shots. The vet charged $15 for the office visit, plus $10 per puppy. How much money did you spend?

2. You picked 11 pumpkins. Three weigh 10 pounds each, three weigh 5 pounds each, and five weigh 2 pounds each. How much do the 11 pumpkins weigh in all?

3. Your collection of beach glass has 17 blue pieces, 19 green pieces, and 13 brown pieces. You divide your collection into 7 groups. How many pieces are in each group?

4. You are traveling to a theme park that is 943 miles away. You travel 659 miles one day and 115 miles the next day. How many more miles do you need to travel to get to the theme park?

5. Three flocks of starlings combine to form a single flock. The first flock has 485 more birds than the second flock. The third flock has 70 birds. The second flock has three times the number of birds than the third flock. How many birds are in the combined flock?

6. Ten classrooms have 3 boxes of whiteboards to share equally. Each box has 30 whiteboards. How many whiteboards does each classroom get?