



Summer Math Packet

Students Entering Grade 5

Name: _____

Your math packet is due the first week of school. Be sure to have it completed on time. Your 5th Grade Teacher will be looking for it.

Learn to manage your time. Don't save this entire packet for the end of August. Try to follow the calendar provided.

July						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1. Practice multiplication and division facts	2. Complete Worksheet page 1	3.	4.	5. Complete Worksheet page 2	6.	7.
8. Practice multiplication and division facts	9.	10. Complete Worksheet page 3	11.	12.	13. Complete Worksheet page 4	14.
15. Practice multiplication and division facts	16.	17.	18. Complete Worksheet page 5	19.	20.	21. Complete Worksheet page 6
22. Practice multiplication and division facts	23. Complete Worksheet page 7	24.	25.	26. Complete Worksheet page 8	27.	28.
29. Practice multiplication and division facts	30.	31. Complete Worksheet page 9				

Your addition, subtraction, multiplication, AND division facts should be mastered. If not, Practice!!! You can practice on www.xtramath.com

August						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
			1.	2. Complete Worksheet page 10	3.	4.
5. Practice multiplication and division facts	6.	7. Complete Worksheet page 11	18.	9.	10. Complete Worksheet page 12	11.
12. Practice multiplication and division facts	13.	14.	15. Complete Worksheet page 13	16.	17.	18. Complete Worksheet page 14
19. Practice multiplication and division facts	20. Complete Worksheet page 15	21.	22.	23. Complete Worksheet page 16	24. <i>Your packet should be complete!</i> Congratulations	25.
26. Practice multiplication and division facts	27.	28.	29. FIRST DAY OF SCHOOL	30.	31.	



Find the missing place value from a 4-digit number

Grade 4 Place Value Worksheet

Find the missing numbers:

1) $1 + 4,000 + 900 + \underline{\quad\quad\quad} = 4,911$

3) $0 + 50 + \underline{\quad\quad\quad} + 4 = 1,054$

5) $400 + 60 + \underline{\quad\quad\quad} + 4 = 1,464$

7) $1 + 60 + 400 + \underline{\quad\quad\quad} = 6,461$

9) $2 + 100 + \underline{\quad\quad\quad} + 80 = 2,182$

11) $6 + 800 + \underline{\quad\quad\quad} + 20 = 8,826$

13) $\underline{\quad\quad\quad} + 700 + 1,000 + 40 = 1,742$

15) $3,000 + \underline{\quad\quad\quad} + 80 + 3 = 3,683$

2) $5 + 70 + 900 + \underline{\quad\quad\quad} = 1,975$

4) $8,000 + 400 + \underline{\quad\quad\quad} + 6 = 8,466$

6) $\underline{\quad\quad\quad} + 7 + 200 + 4,000 = 4,207$

8) $5 + 10 + 200 + \underline{\quad\quad\quad} = 5,215$

10) $60 + \underline{\quad\quad\quad} + 400 + 8,000 = 8,460$

12) $8 + \underline{\quad\quad\quad} + 7,000 + 10 = 7,318$

14) $3 + 900 + \underline{\quad\quad\quad} + 60 = 9,963$

16) $\underline{\quad\quad\quad} + 90 + 1,000 + 8 = 1,098$



Round numbers 0-1,000 to the nearest 10

Grade 4 Rounding Worksheet

Example: 329 rounded to the nearest 10 is 330

Round to the nearest ten.

1. $8\underline{0}4 =$ _____ 2. $6\underline{4}3 =$ _____ 3. $1\underline{7}1 =$ _____

4. $7\underline{0}0 =$ _____ 5. $7\underline{3}5 =$ _____ 6. $1\underline{8}1 =$ _____

7. $7\underline{4}7 =$ _____ 8. $2\underline{4}5 =$ _____ 9. $6\underline{8}4 =$ _____

10. $4\underline{1}5 =$ _____ 11. $1\underline{4}9 =$ _____ 12. $4\underline{8}1 =$ _____

13. $2\underline{4}6 =$ _____ 14. $2\underline{9}8 =$ _____ 15. $8\underline{5}6 =$ _____

16. $4\underline{9}7 =$ _____ 17. $5\underline{5}0 =$ _____ 18. $8\underline{9}3 =$ _____

19. $1\underline{0}1 =$ _____ 20. $1\underline{0}9 =$ _____ 21. $9\underline{3}6 =$ _____



Round numbers 0-10,000 to the nearest 100

Grade 4 Rounding Worksheet

Example: 4,689 rounded to the nearest 100 is 4,700

Round to the nearest hundred.

1. 9,820 = _____ 2. 5,470 = _____ 3. 6,233 = _____

4. 2,930 = _____ 5. 4,881 = _____ 6. 3,027 = _____

7. 545 = _____ 8. 4,710 = _____ 9. 2,889 = _____

10. 195 = _____ 11. 5,872 = _____ 12. 1,749 = _____

13. 9,837 = _____ 14. 7,932 = _____ 15. 6,125 = _____

16. 8,713 = _____ 17. 8,684 = _____ 18. 8,097 = _____

19. 1,083 = _____ 20. 8,328 = _____ 21. 1,853 = _____



Build a 6-digit number from the parts

Grade 4 Place Value Worksheet

Example: $471,836 = 400,000 + 70,000 + 1,000 + 800 + 30 + 6$

Write the 6-digit numbers

1. _____ $300,000 + 40,000 + 6,000 + 700$
2. _____ $500,000 + 70,000 + 8,000 + 200 + 70 + 2$
3. _____ $700,000 + 10,000 + 8,000 + 600 + 70 + 7$
4. _____ $900,000 + 50,000 + 3,000 + 500 + 30 + 4$
5. _____ $200,000 + 20,000 + 4,000 + 100 + 70 + 2$
6. _____ $100,000 + 20,000 + 5,000 + 600 + 90 + 3$
7. _____ $200,000 + 50,000 + 4,000 + 300 + 40 + 7$
8. _____ $900,000 + 70,000 + 5,000 + 3$
9. _____ $900,000 + 70,000 + 900 + 30 + 4$
10. _____ $500,000 + 30,000 + 7,000 + 900 + 10 + 2$



Adding 4-digit numbers in columns

Grade 4 Addition Worksheet

Find the sum.

$$\begin{array}{r} 1. \quad 7,340 \\ + 9,473 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 2. \quad 3,026 \\ + 2,689 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 3. \quad 125 \\ + 867 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 4. \quad 6,804 \\ + 651 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 5. \quad 6,774 \\ + 7,826 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 6. \quad 1,762 \\ + 3,722 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 7. \quad 9,778 \\ + 1,226 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 8. \quad 4,400 \\ + 4,474 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 9. \quad 7,942 \\ + 9,798 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 10. \quad 7,559 \\ + 8,529 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 11. \quad 7,274 \\ + 4,558 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 12. \quad 8,704 \\ + 222 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 13. \quad 5,536 \\ + 5,619 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 14. \quad 290 \\ + 4,342 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 15. \quad 8,519 \\ + 9,033 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 16. \quad 491 \\ + 1,091 \\ \hline \\ \hline \end{array}$$



Subtracting 4-digit numbers, with regrouping

Grade 4 Subtraction Worksheet

Find the difference.

$$\begin{array}{r} 1. \quad 4,387 \\ - 3,359 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 2. \quad 8,385 \\ - 1,851 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 3. \quad 6,247 \\ - 3,694 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 4. \quad 8,173 \\ - 2,950 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 5. \quad 4,184 \\ - 1,936 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 6. \quad 2,367 \\ - 1,308 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 7. \quad 9,532 \\ - 8,278 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 8. \quad 5,803 \\ - 3,290 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 9. \quad 550 \\ - 450 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 10. \quad 8,073 \\ - 7,000 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 11. \quad 4,792 \\ - 2,226 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 12. \quad 4,871 \\ - 2,890 \\ \hline \\ \hline \end{array}$$





Multiply in columns - 1 digit by 3 digit

Grade 4 Multiplication Worksheet

Find the product.

$$\begin{array}{r} 1. \quad 822 \\ \times \quad 9 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 2. \quad 876 \\ \times \quad 7 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 3. \quad 899 \\ \times \quad 6 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 4. \quad 343 \\ \times \quad 1 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 5. \quad 216 \\ \times \quad 2 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 6. \quad 652 \\ \times \quad 3 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 7. \quad 227 \\ \times \quad 8 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 8. \quad 264 \\ \times \quad 3 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 9. \quad 710 \\ \times \quad 8 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 10. \quad 980 \\ \times \quad 2 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 11. \quad 637 \\ \times \quad 6 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 12. \quad 701 \\ \times \quad 5 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 13. \quad 201 \\ \times \quad 1 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 14. \quad 629 \\ \times \quad 6 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 15. \quad 313 \\ \times \quad 2 \\ \hline \\ \hline \end{array}$$



Multiply in columns - 2 digit by 2 digit

Grade 4 Multiplication Worksheet

Find the product.

$$\begin{array}{r} 1. \quad 35 \\ \times 97 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 2. \quad 36 \\ \times 20 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 3. \quad 29 \\ \times 64 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 4. \quad 53 \\ \times 95 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 5. \quad 71 \\ \times 74 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 6. \quad 74 \\ \times 11 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 7. \quad 19 \\ \times 77 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 8. \quad 96 \\ \times 58 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 9. \quad 68 \\ \times 17 \\ \hline \\ \hline \end{array}$$





Long Division with remainders within 1-100

Grade 4 Division Worksheet

Find the quotient with remainder.

1. $3 \overline{)17}$

2. $3 \overline{)87}$

3. $7 \overline{)15}$

4. $7 \overline{)86}$

5. $5 \overline{)51}$

6. $3 \overline{)30}$

7. $9 \overline{)14}$

8. $3 \overline{)100}$

9. $5 \overline{)82}$

10. $7 \overline{)22}$

11. $8 \overline{)83}$

12. $8 \overline{)49}$

Adding mixed numbers (like denominators)

Grade 4 Fractions Worksheet

Find the sum.

1. $5\frac{5}{12} + 4\frac{11}{12} =$ _____

2. $1\frac{1}{2} + 7\frac{1}{2} =$ _____

3. $7\frac{2}{3} + 7\frac{2}{3} =$ _____

4. $8\frac{7}{11} + 3\frac{2}{11} =$ _____

5. $10\frac{4}{5} + 8\frac{3}{5} =$ _____

6. $7\frac{3}{6} + 8\frac{2}{6} =$ _____

7. $3\frac{2}{11} + 4\frac{1}{11} =$ _____

8. $9\frac{8}{12} + 6\frac{7}{12} =$ _____

9. $3\frac{4}{8} + 9\frac{6}{8} =$ _____

10. $10\frac{3}{5} + 2\frac{3}{5} =$ _____

11. $6\frac{1}{2} + 3\frac{1}{2} =$ _____

12. $4\frac{1}{4} + 7\frac{2}{4} =$ _____

13. $10\frac{1}{3} + 7\frac{1}{3} =$ _____

14. $1\frac{3}{9} + 4\frac{5}{9} =$ _____

15. $10\frac{5}{7} + 2\frac{4}{7} =$ _____

16. $7\frac{8}{10} + 7\frac{9}{10} =$ _____

Subtracting fractions from whole numbers

Grade 4 Fractions Worksheet

Find the difference.

1. $7 - \frac{5}{6} =$ _____

2. $9 - \frac{23}{25} =$ _____

3. $9 - \frac{5}{7} =$ _____

4. $9 - \frac{94}{100} =$ _____

5. $17 - \frac{42}{50} =$ _____

6. $9 - \frac{3}{5} =$ _____

7. $20 - \frac{10}{11} =$ _____

8. $8 - \frac{1}{2} =$ _____

9. $8 - \frac{6}{9} =$ _____

10. $8 - \frac{13}{20} =$ _____

11. $14 - \frac{13}{15} =$ _____

12. $16 - \frac{93}{100} =$ _____

13. $2 - \frac{4}{7} =$ _____

14. $5 - \frac{3}{4} =$ _____

15. $20 - \frac{5}{6} =$ _____

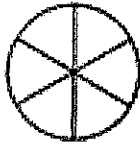
16. $18 - \frac{7}{12} =$ _____

Comparing proper fractions

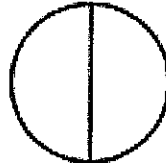
Grade 4 Fractions Worksheet

Write > (greater than), < (less than) or = (equal to) between the fractions. Color in the fractions if it helps.

1)

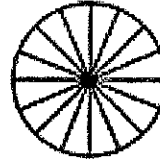


$$\frac{1}{6}$$

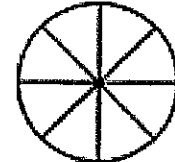


$$\frac{1}{2}$$

2)

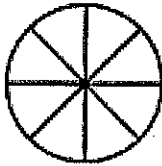


$$\frac{15}{16}$$

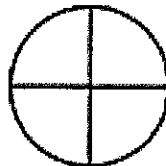


$$\frac{1}{8}$$

3)



$$\frac{1}{8}$$

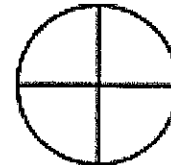


$$\frac{3}{4}$$

4)



$$\frac{2}{3}$$

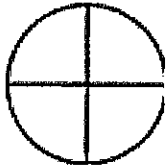


$$\frac{2}{4}$$

5)

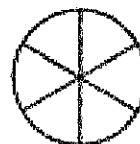


$$\frac{1}{3}$$

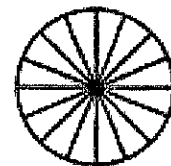


$$\frac{1}{4}$$

6)

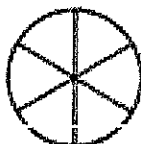


$$\frac{3}{6}$$

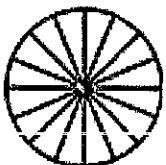


$$\frac{12}{16}$$

7)



$$\frac{2}{6}$$

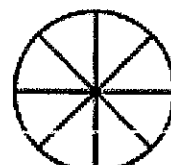


$$\frac{3}{16}$$

8)



$$\frac{1}{6}$$



$$\frac{2}{8}$$

Time word problems

Grade 4 Word Problems Worksheets

Read and answer each question.

Remember to include "am" or "pm" in your answers when appropriate:

1. The train was scheduled to arrive at 5:10 p.m. However, it was delayed for 25 minutes. What time was it when the train arrived?

2. The bus departs the bus terminal every 2 hours. If the first bus is scheduled to depart at 10:35 a.m., when should the second bus depart?

3. The train left the terminal at 11:20 a.m. and arrived at its destination at 2:40 p.m. How long did the train travel?

4. Passengers usually start to board their flights 1 hour before the scheduled take off time. The gate will be closed 15 minutes before the takeoff time. Jack's plane is scheduled to take off at 12:05 a.m. If he arrives at the gate at 11:45 p.m., can he board the flight?

5. A bus is scheduled to leave the terminal at 9:45 p.m. and travels for 5 hours and 45 minutes to another city. However, the bus left the terminal 25 minutes later than the scheduled time. When will the bus arrive at the other city?



Money word problems

Grade 4 Word Problems Worksheets

Read and answer each question:

1. Jack had \$10.00. He bought a pair of socks for \$2.30 and a pair of gloves for \$5.50. How much money did he have left?
2. A music store is having its "Black Friday" sale. The store will give \$5.00 off for the second item a customer purchases. Emma wants to buy a pair of headphones for \$25.00 and a CD for \$18.50. How much does she need to pay in total?
3. Coffee mugs cost \$2.50 each. How much do 5 coffee mugs cost?
4. Mr. Jackman gives \$32.00 to his four children to share equally. How much will each of his children get?
5. Each student in Grade Four was given 20 raffle tickets to sell to raise funds for their school. The price of each ticket is \$1.50. If Olivia sold all her tickets, how much money did she raise for her school? If there are 30 students in grade 4, and they all sold all of their tickets, how much money was raised altogether?

