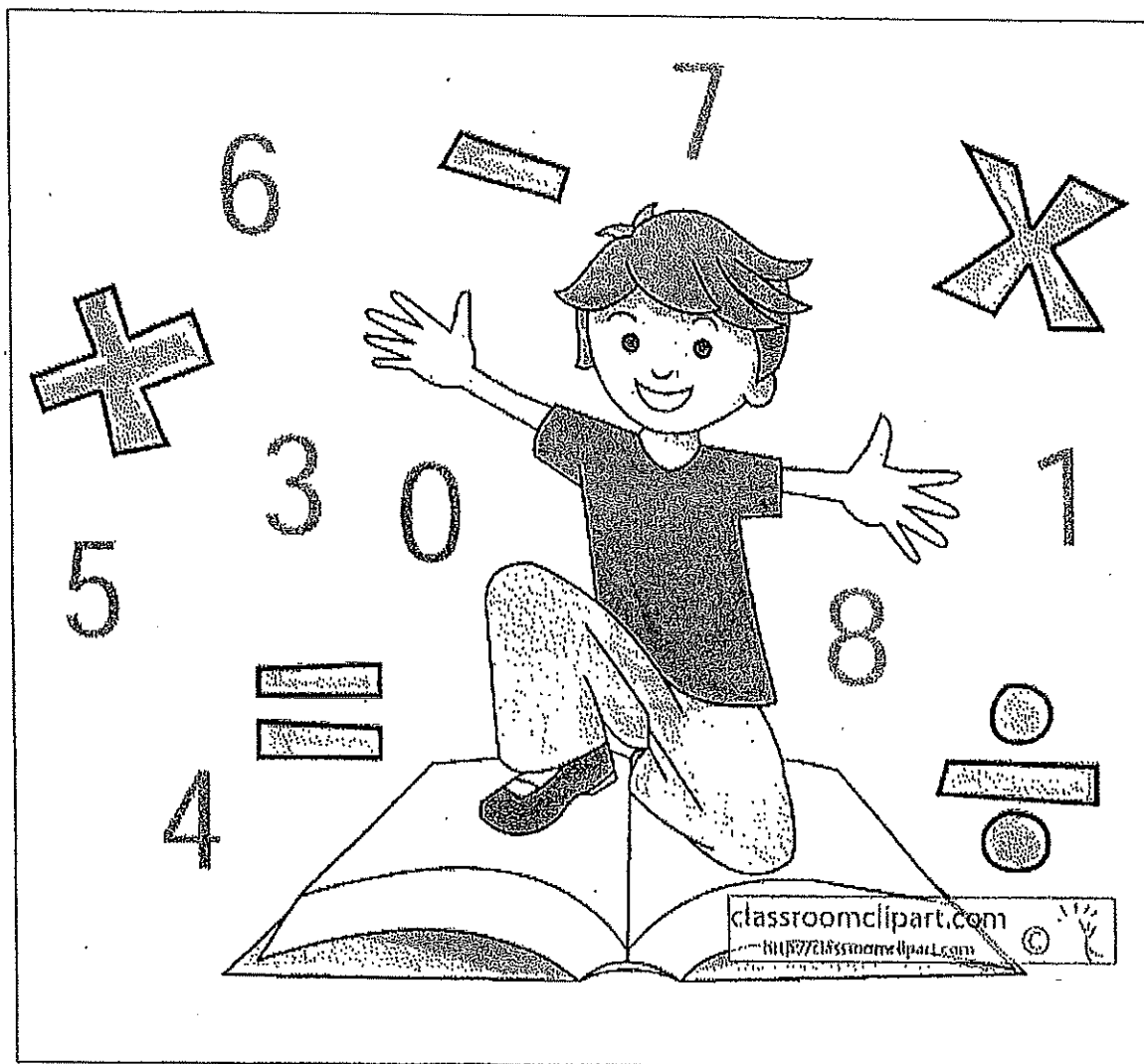


5th Grade

Summer Math Packet



Name _____

Dear incoming 5th grade students,

We are very excited to have you as students next year. In order to help you be better prepared for 5th grade math, we have prepared a math packet for you to complete over the summer. Please use the packet as follows:

1. You will turn this completed packet into your teacher on the first day of school. Please **show your work** whenever you can. If you do your work on a separate sheet of paper, please attach those papers to the back of this packet when you turn it in.

2. Students will be required to answer problems 1-10 on each page, the remainder of the problems are **optional**. **1-10 on each page will be scored and recorded.**

2. Practice, practice, practice your multiplication skills!!! It is extremely important that you know your multiplication tables very well before entering 5th grade! We will be giving a math facts quiz the first week of school.

3. Please read 1 fiction **and** 1 non-fiction book that has a minimum of a 4.5 grade level that is on AR and be ready to take the tests the first week of school.

Have a great summer.

See you in August,

Mrs. Asparuhov and Mrs. Lucas



Rewrite each expanded form number in numeric form.

Answers

1) $800,000 + 1,000 + 900 + 40 + 5$

1. _____

2) $90,000 + 6,000 + 500 + 30$

2. _____

3) $2,000 + 900 + 20 + 7$

3. _____

4) $7,000 + 200 + 30 + 4$

4. _____

5) $400,000 + 90,000 + 9,000 + 300 + 50 + 9$

5. _____

6) $20,000 + 8,000 + 100 + 70 + 7$

6. _____

7) $100,000 + 10,000 + 9,000 + 700 + 50 + 6$

7. _____

8) $4,000 + 600 + 50 + 7$

8. _____

9) $100,000 + 10,000 + 5,000 + 900 + 60 + 4$

9. _____

10) $6,000 + 100 + 80 + 1$

10. _____

11) $50,000 + 8,000 + 400 + 70 + 8$

11. _____

12) $4,000 + 200 + 10 + 1$

12. _____

13) $30,000 + 9,000 + 300 + 30 + 9$

13. _____

14) $30,000 + 1,000 + 800 + 20 + 2$

14. _____

15) $50,000 + 9,000 + 300 + 70 + 2$

15. _____

16) $400,000 + 90,000 + 2,000 + 100 + 20 + 8$

16. _____

17) $6,000 + 700 + 80 + 4$

17. _____

18) $400,000 + 40,000 + 3,000 + 200 + 90 + 2$

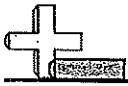
18. _____

19) $400,000 + 30,000 + 1,000 + 500 + 20 + 6$

19. _____

20) $8,000 + 700 + 10 + 1$

20. _____



Comparing Numbers within 1 Million

Name: _____

Use $>$, $<$ or $=$ to compare the two numbers.

- 1) 9,601 ____ 9,106
- 2) 253 ____ 235
- 3) 668,733 ____ 668,734
- 4) 75 ____ 70
- 5) 164 ____ 146
- 6) 116,801 ____ 116,799
- 7) 9,742 ____ 9,274
- 8) 8,842 ____ 8,482
- 9) 500,142 ____ 24,051
- 10) 370 ____ 73
- 11) 34 ____ 34
- 12) 25,560 ____ 25,555
- 13) 309 ____ 39
- 14) 385,363 ____ 685,333
- 15) 22 ____ 21
- 16) 4,962 ____ 9,462
- 17) 12 ____ 21
- 18) 418,294 ____ 941,248
- 19) 7,029 ____ 7,033
- 20) 82,153 ____ 82,135

Answers

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____
13. _____
14. _____
15. _____
16. _____
17. _____
18. _____
19. _____
20. _____



Rounding Within 1 Million

Name: _____

Round each number to the place value specified.

Answers

- 1) Round 592 to the nearest hundred.
- 2) Round 39,339 to the nearest hundred.
- 3) Round 6,709 to the nearest hundred.
- 4) Round 431,526 to the nearest thousand.
- 5) Round 4,657 to the nearest hundred.
- 6) Round 75,774 to the nearest thousand.
- 7) Round 6,784 to the nearest thousand.
- 8) Round 973 to the nearest hundred.
- 9) Round 4,821 to the nearest ten.
- 10) Round 4,558 to the nearest ten.
- 11) Round 58,478 to the nearest hundred.
- 12) Round 96,530 to the nearest thousand.
- 13) Round 197 to the nearest ten.
- 14) Round 119,756 to the nearest hundred.
- 15) Round 865 to the nearest ten.
- 16) Round 115,964 to the nearest ten.
- 17) Round 847 to the nearest hundred.
- 18) Round 45,836 to the nearest ten.
- 19) Round 801,945 to the nearest ten thousand.
- 20) Round 492,128 to the nearest ten thousand.

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____
13. _____
14. _____
15. _____
16. _____
17. _____
18. _____
19. _____
20. _____



Four Digit plus Four Digit Addition

Name: _____

Solve each problem.

Answers

1)
$$\begin{array}{r} 5,951 \\ + 1,385 \\ \hline \end{array}$$

2)
$$\begin{array}{r} 4,001 \\ + 2,485 \\ \hline \end{array}$$

3)
$$\begin{array}{r} 8,765 \\ + 4,809 \\ \hline \end{array}$$

4)
$$\begin{array}{r} 7,888 \\ + 2,957 \\ \hline \end{array}$$

1. _____

2. _____

3. _____

4. _____

5)
$$\begin{array}{r} 6,081 \\ + 4,742 \\ \hline \end{array}$$

6)
$$\begin{array}{r} 3,258 \\ + 2,138 \\ \hline \end{array}$$

7)
$$\begin{array}{r} 6,962 \\ + 3,390 \\ \hline \end{array}$$

8)
$$\begin{array}{r} 9,309 \\ + 1,890 \\ \hline \end{array}$$

5. _____

6. _____

7. _____

8. _____

9)
$$\begin{array}{r} 5,675 \\ + 2,011 \\ \hline \end{array}$$

10)
$$\begin{array}{r} 8,363 \\ + 5,626 \\ \hline \end{array}$$

11)
$$\begin{array}{r} 8,429 \\ + 7,709 \\ \hline \end{array}$$

12)
$$\begin{array}{r} 6,606 \\ + 6,452 \\ \hline \end{array}$$

9. _____

10. _____

11. _____

12. _____

13)
$$\begin{array}{r} 3,346 \\ + 2,152 \\ \hline \end{array}$$

14)
$$\begin{array}{r} 7,186 \\ + 4,106 \\ \hline \end{array}$$

15)
$$\begin{array}{r} 9,909 \\ + 7,182 \\ \hline \end{array}$$

16)
$$\begin{array}{r} 2,781 \\ + 2,340 \\ \hline \end{array}$$

13. _____

14. _____

15. _____

16. _____

17)
$$\begin{array}{r} 5,182 \\ + 4,177 \\ \hline \end{array}$$

18)
$$\begin{array}{r} 6,387 \\ + 1,548 \\ \hline \end{array}$$

19)
$$\begin{array}{r} 3,438 \\ + 3,300 \\ \hline \end{array}$$

20)
$$\begin{array}{r} 2,043 \\ + 1,739 \\ \hline \end{array}$$

17. _____

18. _____

19. _____

20. _____



4 Digit Minus 4 Digit

Name: _____

Use subtraction to solve the following problems.

Answers

1)
$$\begin{array}{r} 8,672 \\ - 1,995 \\ \hline \end{array}$$

2)
$$\begin{array}{r} 3,675 \\ - 1,960 \\ \hline \end{array}$$

3)
$$\begin{array}{r} 7,153 \\ - 5,306 \\ \hline \end{array}$$

4)
$$\begin{array}{r} 1,215 \\ - 1,211 \\ \hline \end{array}$$

5)
$$\begin{array}{r} 9,349 \\ - 2,610 \\ \hline \end{array}$$

6)
$$\begin{array}{r} 9,437 \\ - 9,283 \\ \hline \end{array}$$

7)
$$\begin{array}{r} 7,327 \\ - 2,877 \\ \hline \end{array}$$

8)
$$\begin{array}{r} 7,300 \\ - 5,953 \\ \hline \end{array}$$

9)
$$\begin{array}{r} 6,966 \\ - 3,756 \\ \hline \end{array}$$

10)
$$\begin{array}{r} 4,693 \\ - 4,608 \\ \hline \end{array}$$

11)
$$\begin{array}{r} 3,921 \\ - 1,670 \\ \hline \end{array}$$

12)
$$\begin{array}{r} 8,080 \\ - 5,190 \\ \hline \end{array}$$

13)
$$\begin{array}{r} 1,987 \\ - 1,649 \\ \hline \end{array}$$

14)
$$\begin{array}{r} 2,278 \\ - 1,257 \\ \hline \end{array}$$

15)
$$\begin{array}{r} 2,751 \\ - 2,160 \\ \hline \end{array}$$

16)
$$\begin{array}{r} 8,216 \\ - 3,352 \\ \hline \end{array}$$

17)
$$\begin{array}{r} 8,062 \\ - 1,070 \\ \hline \end{array}$$

18)
$$\begin{array}{r} 5,396 \\ - 3,823 \\ \hline \end{array}$$

19)
$$\begin{array}{r} 7,507 \\ - 7,037 \\ \hline \end{array}$$

20)
$$\begin{array}{r} 9,598 \\ - 7,000 \\ \hline \end{array}$$

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____
13. _____
14. _____
15. _____
16. _____
17. _____
18. _____
19. _____
20. _____



Multiplication with Multiples of Ten

Name: _____

Solve each problem.

Answers

$$\begin{array}{r} 1) \quad 43 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 2) \quad 97 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 3) \quad 85 \\ \times 7 \\ \hline \end{array}$$

1. _____

2. _____

3. _____

$$\begin{array}{r} 4) \quad 71 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 5) \quad 28 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 6) \quad 96 \\ \times 8 \\ \hline \end{array}$$

4. _____

5. _____

6. _____

$$\begin{array}{r} 7) \quad 65 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 8) \quad 80 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 9) \quad 23 \\ \times 2 \\ \hline \end{array}$$

7. _____

8. _____

9. _____

$$\begin{array}{r} 10) \quad 60 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 11) \quad 92 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 12) \quad 43 \\ \times 9 \\ \hline \end{array}$$

10. _____

11. _____

12. _____

13. _____

$$\begin{array}{r} 13) \quad 75 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 14) \quad 60 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 15) \quad 91 \\ \times 3 \\ \hline \end{array}$$

14. _____

15. _____

16. _____

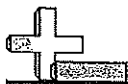
$$\begin{array}{r} 16) \quad 70 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 17) \quad 87 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 18) \quad 38 \\ \times 4 \\ \hline \end{array}$$

17. _____

18. _____



Dividing Whole Numbers

Name: _____

Solve each problem.

1) $406 \div 3 =$ _____

2) $696 \div 3 =$ _____

3) $90 \div 2 =$ _____

4) $54 \div 2 =$ _____

5) $696 \div 8 =$ _____

6) $26 \div 4 =$ _____

7) $63 \div 8 =$ _____

8) $504 \div 7 =$ _____

9) $298 \div 5 =$ _____

10) $52 \div 2 =$ _____

11) $605 \div 7 =$ _____

12) $256 \div 8 =$ _____

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

11. _____

12. _____



Finding Equivalent Fractions

Name: _____

Find the number that makes an equivalent fraction.

Answers

Ex) $\frac{1}{3} = \frac{8}{24}$

1) $\frac{4}{10} = \frac{36}{\quad}$

2) $\frac{4}{9} = \frac{36}{\quad}$

Ex. 8

3) $\frac{1}{2} = \frac{10}{\quad}$

4) $\frac{5}{8} = \frac{15}{\quad}$

5) $\frac{4}{8} = \frac{\quad}{64}$

1. _____

2. _____

3. _____

4. _____

5. _____

6) $\frac{4}{6} = \frac{\quad}{42}$

7) $\frac{4}{6} = \frac{\quad}{30}$

8) $\frac{1}{2} = \frac{5}{\quad}$

6. _____

7. _____

8. _____

9) $\frac{6}{8} = \frac{60}{\quad}$

10) $\frac{1}{3} = \frac{\quad}{15}$

11) $\frac{4}{7} = \frac{24}{\quad}$

9. _____

10. _____

11. _____

12) $\frac{2}{4} = \frac{\quad}{20}$

13) $\frac{7}{8} = \frac{\quad}{56}$

14) $\frac{3}{4} = \frac{\quad}{16}$

12. _____

13. _____

14. _____

15) $\frac{2}{9} = \frac{\quad}{36}$

16) $\frac{4}{6} = \frac{\quad}{18}$

17) $\frac{6}{9} = \frac{42}{\quad}$

15. _____

16. _____

17. _____

18) $\frac{2}{8} = \frac{\quad}{32}$

19) $\frac{8}{10} = \frac{\quad}{40}$

20) $\frac{2}{3} = \frac{16}{\quad}$

18. _____

19. _____

20. _____