

Student Name _____

Parent Signature _____

Date Completed _____

June 2026

Dear Future Sixth Grade Students,

Welcome to preparations for a new school year! Attached you will find the Summer Math Packet that we have prepared for you to maintain important skills throughout the summer. These problems are review concepts that you learned during fourth grade.

The best way to utilize this packet is to do some problems each week. If you do all the pages during the first week or the last week of the summer, you are not making wise use of this material. Mathematical skills, just like sport skills, need constant practice in order to be maintained and expanded. So take time each week to complete a page or two. **This packet will be collected during the first week of school and count as a grade in the first trimester, so show your best and neatest work!**

Basic Directions:

- **No calculators - All work must be shown!**
- **All work must be done neatly and in pencil.**
- **Show all your steps on the pages provided.**
- **If your work is incomplete or illegible it will be returned to you to be redone.**
- **If your summer homework is not completed satisfactorily and on time, you will lose points (5 points per day).**

You are also required to make flashcards. The list of decimals and fractions is included on the last page of this packet. Use 3 x 5 index cards. To create your cards, put a fraction on one side and the equivalent decimal on the back.. For example, write $\frac{1}{2}$ on one side of the card and 0.5 on the back. You will have a lot of cards, so you might need a rubber band or an index card box. Please take them out and practice these cards at least two times each week, and you will know them by September! . **You will be expected to bring your fraction/decimal flashcards to school in September along with your completed packet.**

I am so excited to be working with you next year! Have a great summer!

God bless,
Mrs. Thomas

4-Digit Plus 3-Digit Addition

Name: _____

Date: _____

Score: _____ /25

$$\begin{array}{r} 8510 \\ + 708 \\ \hline \end{array}$$

$$\begin{array}{r} 7597 \\ + 424 \\ \hline \end{array}$$

$$\begin{array}{r} 1306 \\ + 502 \\ \hline \end{array}$$

$$\begin{array}{r} 5332 \\ + 524 \\ \hline \end{array}$$

$$\begin{array}{r} 5241 \\ + 571 \\ \hline \end{array}$$

$$\begin{array}{r} 4391 \\ + 257 \\ \hline \end{array}$$

$$\begin{array}{r} 4421 \\ + 271 \\ \hline \end{array}$$

$$\begin{array}{r} 3672 \\ + 972 \\ \hline \end{array}$$

$$\begin{array}{r} 7315 \\ + 534 \\ \hline \end{array}$$

$$\begin{array}{r} 6022 \\ + 861 \\ \hline \end{array}$$

$$\begin{array}{r} 6469 \\ + 731 \\ \hline \end{array}$$

$$\begin{array}{r} 8124 \\ + 700 \\ \hline \end{array}$$

$$\begin{array}{r} 7121 \\ + 218 \\ \hline \end{array}$$

$$\begin{array}{r} 8162 \\ + 709 \\ \hline \end{array}$$

$$\begin{array}{r} 2144 \\ + 335 \\ \hline \end{array}$$

$$\begin{array}{r} 3500 \\ + 174 \\ \hline \end{array}$$

$$\begin{array}{r} 2931 \\ + 811 \\ \hline \end{array}$$

$$\begin{array}{r} 2833 \\ + 477 \\ \hline \end{array}$$

$$\begin{array}{r} 4862 \\ + 575 \\ \hline \end{array}$$

$$\begin{array}{r} 8709 \\ + 605 \\ \hline \end{array}$$

$$\begin{array}{r} 3908 \\ + 534 \\ \hline \end{array}$$

$$\begin{array}{r} 6163 \\ + 334 \\ \hline \end{array}$$

$$\begin{array}{r} 5495 \\ + 221 \\ \hline \end{array}$$

$$\begin{array}{r} 3481 \\ + 804 \\ \hline \end{array}$$

$$\begin{array}{r} 1103 \\ + 127 \\ \hline \end{array}$$

Subtracting 3-Digit from 4-Digit Numbers

Name: _____

Date: _____

Score: _____

$\begin{array}{r} 6413 \\ - 935 \\ \hline \end{array}$	$\begin{array}{r} 7321 \\ - 224 \\ \hline \end{array}$	$\begin{array}{r} 6347 \\ - 143 \\ \hline \end{array}$	$\begin{array}{r} 6296 \\ - 296 \\ \hline \end{array}$	$\begin{array}{r} 5960 \\ - 322 \\ \hline \end{array}$	$\begin{array}{r} 5697 \\ - 619 \\ \hline \end{array}$
--	--	--	--	--	--

$\begin{array}{r} 8072 \\ - 909 \\ \hline \end{array}$	$\begin{array}{r} 7626 \\ - 338 \\ \hline \end{array}$	$\begin{array}{r} 2648 \\ - 951 \\ \hline \end{array}$	$\begin{array}{r} 3706 \\ - 340 \\ \hline \end{array}$	$\begin{array}{r} 6296 \\ - 109 \\ \hline \end{array}$	$\begin{array}{r} 2931 \\ - 937 \\ \hline \end{array}$
--	--	--	--	--	--

$\begin{array}{r} 4470 \\ - 544 \\ \hline \end{array}$	$\begin{array}{r} 9111 \\ - 589 \\ \hline \end{array}$	$\begin{array}{r} 2893 \\ - 479 \\ \hline \end{array}$	$\begin{array}{r} 1979 \\ - 897 \\ \hline \end{array}$	$\begin{array}{r} 6522 \\ - 413 \\ \hline \end{array}$	$\begin{array}{r} 2007 \\ - 676 \\ \hline \end{array}$
--	--	--	--	--	--

$\begin{array}{r} 2921 \\ - 864 \\ \hline \end{array}$	$\begin{array}{r} 7791 \\ - 384 \\ \hline \end{array}$	$\begin{array}{r} 9559 \\ - 871 \\ \hline \end{array}$	$\begin{array}{r} 9385 \\ - 473 \\ \hline \end{array}$	$\begin{array}{r} 1717 \\ - 932 \\ \hline \end{array}$	$\begin{array}{r} 3450 \\ - 650 \\ \hline \end{array}$
--	--	--	--	--	--

$\begin{array}{r} 2534 \\ - 429 \\ \hline \end{array}$	$\begin{array}{r} 8942 \\ - 396 \\ \hline \end{array}$	$\begin{array}{r} 1172 \\ - 661 \\ \hline \end{array}$	$\begin{array}{r} 4298 \\ - 601 \\ \hline \end{array}$	$\begin{array}{r} 5463 \\ - 241 \\ \hline \end{array}$	$\begin{array}{r} 1807 \\ - 126 \\ \hline \end{array}$
--	--	--	--	--	--

$\begin{array}{r} 6806 \\ - 960 \\ \hline \end{array}$	$\begin{array}{r} 3389 \\ - 797 \\ \hline \end{array}$	$\begin{array}{r} 3774 \\ - 406 \\ \hline \end{array}$	$\begin{array}{r} 7970 \\ - 141 \\ \hline \end{array}$	$\begin{array}{r} 4031 \\ - 472 \\ \hline \end{array}$	$\begin{array}{r} 7762 \\ - 751 \\ \hline \end{array}$
--	--	--	--	--	--

$\begin{array}{r} 8561 \\ - 358 \\ \hline \end{array}$	$\begin{array}{r} 2903 \\ - 308 \\ \hline \end{array}$	$\begin{array}{r} 2012 \\ - 950 \\ \hline \end{array}$	$\begin{array}{r} 9843 \\ - 788 \\ \hline \end{array}$	$\begin{array}{r} 9043 \\ - 667 \\ \hline \end{array}$	$\begin{array}{r} 1504 \\ - 252 \\ \hline \end{array}$
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Name : _____

Score : _____

Teacher : _____

Date : _____

$$\begin{array}{r} 249 \\ \times 32 \\ \hline \end{array}$$

$$\begin{array}{r} 118 \\ \times 99 \\ \hline \end{array}$$

$$\begin{array}{r} 692 \\ \times 70 \\ \hline \end{array}$$

$$\begin{array}{r} 544 \\ \times 35 \\ \hline \end{array}$$

$$\begin{array}{r} 981 \\ \times 32 \\ \hline \end{array}$$

$$\begin{array}{r} 796 \\ \times 60 \\ \hline \end{array}$$

$$\begin{array}{r} 440 \\ \times 80 \\ \hline \end{array}$$

$$\begin{array}{r} 300 \\ \times 99 \\ \hline \end{array}$$

$$\begin{array}{r} 140 \\ \times 14 \\ \hline \end{array}$$

$$\begin{array}{r} 853 \\ \times 80 \\ \hline \end{array}$$

$$\begin{array}{r} 350 \\ \times 18 \\ \hline \end{array}$$

$$\begin{array}{r} 140 \\ \times 59 \\ \hline \end{array}$$

$$\begin{array}{r} 328 \\ \times 44 \\ \hline \end{array}$$

$$\begin{array}{r} 156 \\ \times 27 \\ \hline \end{array}$$

$$\begin{array}{r} 888 \\ \times 31 \\ \hline \end{array}$$

Name : _____

Score : _____

Teacher : _____

Date : _____

$$67 \overline{)21909}$$

$$72 \overline{)39960}$$

$$68 \overline{)8840}$$

$$56 \overline{)38584}$$

$$12 \overline{)2760}$$

$$93 \overline{)10323}$$

$$51 \overline{)21165}$$

$$77 \overline{)38962}$$

$$12 \overline{)7272}$$

$$78 \overline{)71916}$$

$$86 \overline{)69488}$$

$$45 \overline{)31635}$$

Name : _____

Score : _____

Teacher : _____

Date : _____

Adding Fractional

1) $9\frac{1}{4} + 3\frac{1}{2} =$

2) $1\frac{9}{16} + 7\frac{1}{4} =$

3) $10\frac{1}{2} + 10\frac{1}{4} =$

4) $3\frac{1}{2} + 1\frac{3}{4} =$

5) $1\frac{3}{8} + 3\frac{3}{4} =$

6) $9\frac{1}{2} + 11\frac{1}{8} =$

7) $4\frac{3}{4} + 6\frac{5}{8} =$

8) $7\frac{1}{8} + 5\frac{1}{2} =$

9) $7\frac{3}{4} + 8\frac{1}{2} =$

10) $5\frac{1}{4} + 4\frac{5}{8} =$

Name : _____

Subtracting Mixed Numbers

Easy: 51

$$\begin{array}{r} 1) \quad 8\frac{1}{2} \\ - 6\frac{1}{4} \\ \hline \end{array}$$

$$\begin{array}{r} 2) \quad 5\frac{8}{9} \\ - 1\frac{1}{3} \\ \hline \end{array}$$

$$\begin{array}{r} 3) \quad 4\frac{1}{2} \\ - 2\frac{3}{8} \\ \hline \end{array}$$

$$\begin{array}{r} 4) \quad 7\frac{9}{10} \\ - 3\frac{2}{5} \\ \hline \end{array}$$

$$\begin{array}{r} 5) \quad 9\frac{5}{6} \\ - 8\frac{2}{3} \\ \hline \end{array}$$

$$\begin{array}{r} 6) \quad 4\frac{3}{4} \\ - 3\frac{7}{12} \\ \hline \end{array}$$

$$\begin{array}{r} 7) \quad 7\frac{1}{2} \\ - 1\frac{2}{5} \\ \hline \end{array}$$

$$\begin{array}{r} 8) \quad 3\frac{7}{9} \\ - 2\frac{1}{6} \\ \hline \end{array}$$

$$\begin{array}{r} 9) \quad 7\frac{8}{10} \\ - 2\frac{1}{2} \\ \hline \end{array}$$

$$\begin{array}{r} 10) \quad 1\frac{4}{5} \\ - 1\frac{3}{7} \\ \hline \end{array}$$

$$\begin{array}{r} 11) \quad 4\frac{11}{12} \\ - 1\frac{1}{3} \\ \hline \end{array}$$

$$\begin{array}{r} 12) \quad 9\frac{3}{4} \\ - 3\frac{5}{8} \\ \hline \end{array}$$

$$\begin{array}{r} 13) \quad 8\frac{5}{6} \\ - 4\frac{9}{12} \\ \hline \end{array}$$

$$\begin{array}{r} 14) \quad 5\frac{2}{3} \\ - 2\frac{2}{5} \\ \hline \end{array}$$

$$\begin{array}{r} 15) \quad 7\frac{1}{2} \\ - 6\frac{1}{6} \\ \hline \end{array}$$

$$\begin{array}{r} 16) \quad 3\frac{8}{9} \\ - 1\frac{3}{4} \\ \hline \end{array}$$

Name: _____

Change You need to change mixed #s. Then simplify and multiply.
 Rewrite the answer clearly on the corresponding line.
 Find the value of each expression in lowest terms.

① $1\frac{3}{5} \times 1\frac{2}{5}$
 $\frac{8}{5} \times \frac{7}{5} =$
Improper $\frac{56}{25}$
 $2\frac{6}{25}$

⑤ $2\frac{1}{2} \times 1\frac{1}{2}$

⑨ $2\frac{1}{3} \times 4\frac{4}{5}$

1. $2\frac{6}{25}$

2. _____

3. _____

4. _____

② $3\frac{1}{3} \times 3\frac{1}{6}$

⑥ $2\frac{1}{2} \times 1\frac{1}{3}$

⑩ $1\frac{1}{10} \times 3\frac{3}{4}$

5. _____

6. _____

7. _____

③ $2\frac{3}{4} \times 1\frac{4}{5}$

⑦ $4\frac{3}{5} \times 1\frac{9}{11}$

⑪ $1\frac{1}{6} \times 1\frac{1}{2}$

8. _____

9. _____

10. _____

④ $4\frac{1}{5} \times 2\frac{1}{2}$

⑧ $1\frac{1}{2} \times 1\frac{1}{9}$

⑫ $2\frac{1}{4} \times 1\frac{4}{5}$

11. _____

12. _____

Divide Fractions

Keep Change Flip

Name: _____

You need to change mixed #s first.

Rewrite the answer clearly on the corresponding line.

Find the value of each expression in lowest terms.

① $\frac{1}{7} \div \frac{8}{3}$

$\frac{1}{7} \times \frac{3}{8}$

$\frac{3}{56}$

Change Mixed #s $\rightarrow$ $\frac{1+1}{10} \div \frac{1+4}{7}$

Keep Change Flip $\rightarrow$ $\frac{11}{10} \div \frac{11}{7}$
 $\frac{11}{10} \times \frac{7}{11} = \frac{7}{10}$
 Simplify and multiply

② $\frac{8}{3} \div \frac{20}{9}$

1. $\frac{3}{56}$

2. _____

3. _____

4. _____

5. $\frac{7}{10}$

6. _____

7. _____

8. _____

9. _____

10. _____

11. _____

12. _____

13. _____

14. _____

② $\frac{1}{6} \div \frac{5}{2}$

⑥ $\frac{1}{2} \div 1\frac{3}{7}$

⑩ $\frac{13}{4} \div \frac{12}{5}$

③ $\frac{19}{9} \div 6\frac{2}{3}$

⑦ $\frac{17}{4} \div 3\frac{1}{3}$

⑪ $\frac{1}{3} \div \frac{2}{3}$

④ $\frac{1}{10} \div \frac{1}{6}$

⑧ $1\frac{4}{9} \div \frac{4}{9}$

⑫ $\frac{5}{9} \div 2\frac{1}{6}$

⑬ $\frac{10}{9} \div 10$

⑭ $7 \div 2\frac{2}{3}$



Use PEMDAS

Using Order of Operations

Name: _____

Evaluate each expression.

1) $(9 \times 9) + 7 + 54 \div 9$

2) $10(15 \div 5 + 6) + 9$

3) $(8 + 20 \div 10) + 36 \div 4 + 3$

4) $6 \times 3(10 + 8)$

5) $9 + 15 - 8(5 + 13 - 9)$

6) $6(28 \div 7 + 14 \div 7) + 8$

7) $7(5 \times 2) + 8$

8) $4(6 - 5 + 4) \times 9$

9) $5 + 10(8 + 21 \div 3)$

10) $(6 + 8) + 9 \times 7$

Answers

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____

Remember to make your cards and then practice.

Metric unit conversions - mixed (mass, length and capacity)

Measurement Worksheet

Convert to the units shown.

1. 0.41 kg = _____ g
 2. 75 kg = _____ g
 3. 70 kg = _____ g
 4. 73 kg = _____ g
 5. 6.70 m = _____ mm
 6. 731 kg = _____ g
 7. 8.30 kg = _____ g
 8. 0.38 kg = _____ g
 9. 6.4 kg = _____ g
 10. 9.7 kg = _____ g
 11. 33,295 g = _____ kg
 12. 18,297 mL = _____ L
 13. 3,097 g = _____ kg
 14. 6,934 g = _____ kg
 15. 8,871 mL = _____ L
 16. 9,888 mL = _____ L
 17. 31,928 mL = _____ L
 18. 8,188 mL = _____ L
 19. 6,554 mm = _____ cm
 20. 4,452 mm = _____ cm
-

Name: _____ Date: _____

Measuring Units Worksheet

Convert.

1 a. 3 lb 6 oz = _____ oz

1 b. 12 ft 11 in = _____ in

2 a. 0 qt 2 C = _____ C

2 b. 7 qt 2 C = _____ C

3 a. 131 ft = _____ yd _____ ft

3 b. 12 C = _____ qt

4 a. 15 lb 5 oz = _____ oz

4 b. 104 in = _____ ft _____ in

5 a. 1 C = _____ *71 oz.*

5 b. 278 in = _____ ft _____ in

6 a. 314 oz = _____ lb _____ oz

6 b. 17 yd 1 ft = _____ ft

7 a. 12 gal = _____ qt

7 b. 45 oz = _____ lb _____ oz

8 a. 212 in = _____ ft _____ in

8 b. 113 oz = _____ lb _____ oz

9 a. 58 ft = _____ yd _____ ft

9 b. 2 qt = _____ C

10 a. 7 yd = _____ ft

10 b. 10 gal = _____ qt

Name _____

Date _____

Customary Units of Capacity Conversion

*c and pt, pt and qt, qt and gal, c and qt, c and gal, pt and gal
up to 10 with mixed units*

- 1) _____ pt = 7 gal 1 pt
- 2) _____ qt = 18 pt
- 3) _____ gal = 64 pt
- 4) _____ pt = 9 qt 1 pt
- 5) 1 gal = _____ qt
- 6) _____ pt = 12 c
- 7) 64 pt = _____ gal
- 8) _____ pt = 6 qt
- 9) 23 c = _____ qt _____ c
- 10) 95 c = _____ gal _____ c
- 11) _____ gal _____ c = 171 c
- 12) 4 pt = _____ qt
- 13) _____ pt = 6 qt
- 14) 158 c = _____ gal _____ c
- 15) _____ pt = 2 qt
- 16) _____ c = 4 pt
- 17) _____ pt = 10 qt
- 18) 3 gal 8 c = _____ c
- 19) 10 c = _____ qt _____ c
- 20) 132 c = _____ gal _____ c
- 21) 10 qt = _____ pt
- 22) 13 c = _____ qt _____ c
- 23) _____ gal _____ pt = 82 pt
- 24) _____ gal _____ qt = 7 qt
- 25) 60 c = _____ gal _____ c
- 26) _____ qt = 6 pt
- 27) 4 pt 1 c = _____ c
- 28) 77 c = _____ gal _____ c
- 29) 18 pt = _____ qt
- 30) _____ c = 6 qt 2 c

Make a card for each.
Then study them!

Grade 6

They will be collected the first day of school.

$$\frac{1}{2} = .50$$

$$\frac{1}{6} = .1\overline{6}$$

$$\frac{1}{9} = .\overline{1}$$

$$\frac{1}{10} = .1$$

$$\frac{1}{3} = .\overline{3}$$

$$\frac{5}{6} = .8\overline{3}$$

$$\frac{2}{9} = .\overline{2}$$

$$\frac{3}{10} = .3$$

$$\frac{2}{3} = .\overline{6}$$

$$\frac{1}{8} = .125$$

$$\frac{4}{9} = .\overline{4}$$

$$\frac{7}{10} = .7$$

$$\frac{1}{4} = .25$$

$$\frac{3}{8} = .375$$

$$\frac{5}{9} = .\overline{5}$$

$$\frac{9}{10} = .9$$

$$\frac{3}{4} = .75$$

$$\frac{5}{8} = .625$$

$$\frac{7}{9} = .\overline{7}$$

$$\frac{1}{11} = .\overline{09}$$

$$\frac{1}{5} = .2$$

$$\frac{7}{8} = .875$$

$$\frac{8}{9} = .\overline{8}$$

$$\frac{1}{20} = .05$$

$$\frac{2}{5} = .4$$

$$\frac{1}{25} = .04$$

$$\frac{3}{5} = .6$$

$$\frac{1}{100} = .01$$

$$\frac{4}{5} = .8$$