

Name _____

Total Problems 30

Problems Correct _____



$$\begin{array}{r} 1. \ 423 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 2. \ 735 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 3. \ 817 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 4. \ 325 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 5. \ 316 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 6. \ 326 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 7. \ 623 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 8. \ 231 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 9. \ 687 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 10. \ 823 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 11. \ 912 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 12. \ 813 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 13. \ 912 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 14. \ 867 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 15. \ 613 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 16. \ 524 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 17. \ 716 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 18. \ 532 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 19. \ 921 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 20. \ 703 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 21. \ 608 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 22. \ 517 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 23. \ 123 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 24. \ 312 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 25. \ 768 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 26. \ 152 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 27. \ 353 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 28. \ 364 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 29. \ 524 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 30. \ 321 \\ \times 9 \\ \hline \end{array}$$

Practice makes
perfect!



Multiplication

Name _____

Show your work on another sheet.
Write your answers here.



Total Problems	30
Problems Correct	_____

$$\begin{array}{r} 1. \quad 45 \\ \times 23 \\ \hline \end{array}$$

$$\begin{array}{r} 2. \quad 53 \\ \times 17 \\ \hline \end{array}$$

$$\begin{array}{r} 3. \quad 25 \\ \times 47 \\ \hline \end{array}$$

$$\begin{array}{r} 4. \quad 48 \\ \times 34 \\ \hline \end{array}$$

$$\begin{array}{r} 5. \quad 54 \\ \times 23 \\ \hline \end{array}$$

$$\begin{array}{r} 6. \quad 32 \\ \times 51 \\ \hline \end{array}$$

$$\begin{array}{r} 7. \quad 35 \\ \times 63 \\ \hline \end{array}$$

$$\begin{array}{r} 8. \quad 44 \\ \times 29 \\ \hline \end{array}$$

$$\begin{array}{r} 9. \quad 58 \\ \times 37 \\ \hline \end{array}$$

$$\begin{array}{r} 10. \quad 39 \\ \times 14 \\ \hline \end{array}$$

$$\begin{array}{r} 11. \quad 62 \\ \times 46 \\ \hline \end{array}$$

$$\begin{array}{r} 12. \quad 36 \\ \times 52 \\ \hline \end{array}$$

$$\begin{array}{r} 13. \quad 57 \\ \times 32 \\ \hline \end{array}$$

$$\begin{array}{r} 14. \quad 49 \\ \times 27 \\ \hline \end{array}$$

$$\begin{array}{r} 15. \quad 24 \\ \times 68 \\ \hline \end{array}$$

$$\begin{array}{r} 16. \quad 37 \\ \times 43 \\ \hline \end{array}$$

$$\begin{array}{r} 17. \quad 71 \\ \times 54 \\ \hline \end{array}$$

$$\begin{array}{r} 18. \quad 35 \\ \times 42 \\ \hline \end{array}$$

$$\begin{array}{r} 19. \quad 56 \\ \times 23 \\ \hline \end{array}$$

$$\begin{array}{r} 20. \quad 39 \\ \times 32 \\ \hline \end{array}$$

$$\begin{array}{r} 21. \quad 23 \\ \times 64 \\ \hline \end{array}$$

$$\begin{array}{r} 22. \quad 43 \\ \times 35 \\ \hline \end{array}$$

$$\begin{array}{r} 23. \quad 37 \\ \times 19 \\ \hline \end{array}$$

$$\begin{array}{r} 24. \quad 42 \\ \times 37 \\ \hline \end{array}$$

$$\begin{array}{r} 25. \quad 35 \\ \times 46 \\ \hline \end{array}$$

$$\begin{array}{r} 26. \quad 53 \\ \times 26 \\ \hline \end{array}$$

$$\begin{array}{r} 27. \quad 31 \\ \times 68 \\ \hline \end{array}$$

$$\begin{array}{r} 28. \quad 36 \\ \times 48 \\ \hline \end{array}$$

$$\begin{array}{r} 29. \quad 59 \\ \times 27 \\ \hline \end{array}$$

$$\begin{array}{r} 30. \quad 28 \\ \times 56 \\ \hline \end{array}$$

Practice! Practice!
Practice!



Division

Name _____

Show your work on another sheet.
Write your answers here.

Total Problems	32
Problems Correct	_____



1. $6 \overline{)92}$

2. $4 \overline{)63}$

3. $2 \overline{)37}$

4. $7 \overline{)96}$

5. $3 \overline{)56}$

6. $5 \overline{)63}$

7. $8 \overline{)99}$

8. $4 \overline{)55}$

9. $6 \overline{)85}$

10. $5 \overline{)74}$

11. $2 \overline{)75}$

12. $4 \overline{)95}$

13. $7 \overline{)82}$

14. $3 \overline{)85}$

15. $8 \overline{)95}$

16. $4 \overline{)75}$

17. $5 \overline{)82}$

18. $3 \overline{)77}$

19. $6 \overline{)89}$

20. $2 \overline{)57}$

21. $7 \overline{)93}$

22. $5 \overline{)74}$

23. $2 \overline{)93}$

24. $4 \overline{)67}$

25. $3 \overline{)43}$

26. $6 \overline{)91}$

27. $2 \overline{)77}$

28. $8 \overline{)93}$

29. $3 \overline{)58}$

30. $5 \overline{)94}$

31. $7 \overline{)85}$

32. $6 \overline{)71}$

Practice = Success!



Division

Name _____

Show your work on another sheet.
Write your answers here.



Total Problems	27
Problems Correct	_____

1. $3 \overline{)225}$

2. $6 \overline{)324}$

3. $9 \overline{)288}$

4. $2 \overline{)138}$

5. $7 \overline{)455}$

6. $4 \overline{)216}$

7. $8 \overline{)504}$

8. $5 \overline{)270}$

9. $3 \overline{)171}$

10. $6 \overline{)378}$

11. $9 \overline{)855}$

12. $2 \overline{)194}$

13. $7 \overline{)385}$

14. $4 \overline{)304}$

15. $5 \overline{)435}$

16. $3 \overline{)201}$

17. $6 \overline{)348}$

18. $8 \overline{)744}$

19. $2 \overline{)154}$

20. $9 \overline{)306}$

21. $4 \overline{)224}$

22. $7 \overline{)644}$

23. $5 \overline{)475}$

24. $3 \overline{)282}$

25. $6 \overline{)588}$

26. $9 \overline{)252}$

27. $2 \overline{)176}$

Practice hard. You'll win!



Lesson 4.4 Reducing Fractions to their Simplest Form

$$\frac{12}{16} \div \frac{4}{4} = \frac{3}{4} \quad \frac{12}{16} = \frac{3}{4}$$

$$\frac{36}{72} \div \frac{36}{36} = \frac{1}{2} \quad \frac{36}{72} = \frac{1}{2}$$

To reduce a fraction to its simplest form, divide the numerator and denominator by the same number. The fraction is in simplest form when 1 is the only common factor.

Reduce each fraction to simplest form.

	a		b		c
1.	$\frac{3}{6}$ _____		$\frac{5}{10}$ _____		$\frac{9}{18}$ _____

2.	$\frac{6}{24}$ _____		$\frac{4}{12}$ _____		$\frac{2}{10}$ _____
----	----------------------	--	----------------------	--	----------------------

3.	$\frac{4}{20}$ _____		$\frac{12}{15}$ _____		$\frac{8}{32}$ _____
----	----------------------	--	-----------------------	--	----------------------

4.	$\frac{18}{36}$ _____		$\frac{26}{28}$ _____		$\frac{17}{68}$ _____
----	-----------------------	--	-----------------------	--	-----------------------

5.	$\frac{25}{35}$ _____		$\frac{51}{75}$ _____		$\frac{28}{36}$ _____
----	-----------------------	--	-----------------------	--	-----------------------

6.	$\frac{22}{64}$ _____		$\frac{49}{63}$ _____		$\frac{24}{96}$ _____
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Lesson 4.5

Changing Improper Fractions to Mixed Numerals

$\frac{13}{6}$ means $13 \div 6$ or $6 \overline{)13}$

$$\begin{array}{r} 2 \frac{1}{6} \\ 6 \overline{)13} \\ \underline{-12} \\ 1 \end{array} \quad \text{So, } \frac{13}{6} = 2 \frac{1}{6}$$

$1 \rightarrow 1 \div 6 = \frac{1}{6}$

$\frac{13}{6}$ is an **improper fraction**, meaning the denominator divides the numerator at least one time. In other words, the numerator is greater than the denominator.

$2 \frac{1}{6}$ is a **mixed numeral**. This is the simplest form of an improper fraction.

Write each improper fraction as a mixed numeral in simplest form.

1. **a**

$$\frac{5}{3} \quad \underline{\hspace{2cm}}$$

b

$$\frac{7}{6} \quad \underline{\hspace{2cm}}$$

c

$$\frac{9}{5} \quad \underline{\hspace{2cm}}$$

2. $\frac{3}{2} \quad \underline{\hspace{2cm}}$

$\frac{4}{3} \quad \underline{\hspace{2cm}}$

$\frac{8}{5} \quad \underline{\hspace{2cm}}$

3. $\frac{7}{5} \quad \underline{\hspace{2cm}}$

$\frac{9}{7} \quad \underline{\hspace{2cm}}$

$\frac{5}{4} \quad \underline{\hspace{2cm}}$

4. $\frac{32}{6} \quad \underline{\hspace{2cm}}$

$\frac{51}{4} \quad \underline{\hspace{2cm}}$

$\frac{49}{9} \quad \underline{\hspace{2cm}}$

5. $\frac{66}{5} \quad \underline{\hspace{2cm}}$

$\frac{83}{3} \quad \underline{\hspace{2cm}}$

$\frac{28}{5} \quad \underline{\hspace{2cm}}$

6. $\frac{29}{3} \quad \underline{\hspace{2cm}}$

$\frac{38}{7} \quad \underline{\hspace{2cm}}$

$\frac{64}{6} \quad \underline{\hspace{2cm}}$

ADD FRACTIONS

Find the sum. Write your answer as a mixed number in simplest form.

1. $\begin{array}{r} \frac{1}{2} \\ + \frac{1}{2} \\ \hline \end{array}$	2. $\begin{array}{r} \frac{2}{4} \\ + \frac{1}{4} \\ \hline \end{array}$	3. $\begin{array}{r} \frac{5}{7} \\ + \frac{4}{7} \\ \hline \end{array}$	4. $\begin{array}{r} \frac{4}{5} \\ + \frac{3}{5} \\ \hline \end{array}$	5. $\begin{array}{r} \frac{7}{8} \\ + \frac{5}{8} \\ \hline \end{array}$
6. $\begin{array}{r} \frac{2}{3} \\ + \frac{2}{3} \\ \hline \end{array}$	7. $\begin{array}{r} \frac{8}{9} \\ + \frac{7}{9} \\ \hline \end{array}$	8. $\begin{array}{r} \frac{3}{6} \\ + \frac{1}{6} \\ \hline \end{array}$	9. $\begin{array}{r} \frac{4}{8} \\ + \frac{3}{8} \\ \hline \end{array}$	10. $\begin{array}{r} \frac{5}{6} \\ + \frac{5}{6} \\ \hline \end{array}$
11. $\begin{array}{r} \frac{1}{5} \\ + \frac{4}{5} \\ \hline \end{array}$	12. $\begin{array}{r} \frac{3}{4} \\ + \frac{1}{4} \\ \hline \end{array}$	13. $\begin{array}{r} \frac{5}{9} \\ + \frac{2}{9} \\ \hline \end{array}$	14. $\begin{array}{r} \frac{5}{7} \\ + \frac{1}{7} \\ \hline \end{array}$	15. $\begin{array}{r} \frac{6}{8} \\ + \frac{3}{8} \\ \hline \end{array}$

Subtract Fractions

Find the difference. Write your answer as a mixed number in simplest form.

1. $\begin{array}{r} \frac{1}{3} \\ - \frac{1}{3} \\ \hline \end{array}$	2. $\begin{array}{r} \frac{5}{7} \\ - \frac{3}{7} \\ \hline \end{array}$	3. $\begin{array}{r} \frac{6}{8} \\ - \frac{5}{8} \\ \hline \end{array}$	4. $\begin{array}{r} \frac{5}{6} \\ - \frac{3}{6} \\ \hline \end{array}$	5. $\begin{array}{r} \frac{6}{8} \\ - \frac{2}{8} \\ \hline \end{array}$
6. $\begin{array}{r} \frac{2}{4} \\ - \frac{1}{4} \\ \hline \end{array}$	7. $\begin{array}{r} \frac{2}{5} \\ - \frac{1}{5} \\ \hline \end{array}$	8. $\begin{array}{r} \frac{6}{9} \\ - \frac{5}{9} \\ \hline \end{array}$	9. $\begin{array}{r} \frac{6}{7} \\ - \frac{3}{7} \\ \hline \end{array}$	10. $\begin{array}{r} \frac{3}{4} \\ - \frac{2}{4} \\ \hline \end{array}$

Name _____



Date _____

(Answer ID # 1010303)

Solving Equations

Solve each equation.

1. $92 = m - 5$	2. $73 = 95 - h$	3. $89 - r = 3$
4. $c - 34 = 62$	5. $w - 27 = 20$	6. $75 = 87 - j$
7. $38 = 43 - t$	8. $b - 2 = 57$	9. $80 = x - 18$
10. $84 - g = 65$	11. $2 = e - 78$	12. $72 - y = 60$
13. $25 = 69 - z$	14. $k - 57 = 11$	15. $36 - v = 8$

Solve each equation.

1. $156 = 79 + r$	2. $94 = e + 69$	3. $63 + n = 134$
4. $y + 22 = 41$	5. $h + 43 = 122$	6. $155 = 86 + x$
7. $87 + t = 118$	8. $160 = p + 90$	9. $m + 39 = 61$
10. $w + 40 = 66$	11. $34 = 17 + z$	12. $129 = 78 + j$
13. $52 = 44 + c$	14. $d + 30 = 60$	15. $62 + q = 127$

Compare and Order Decimals (through thousandths)

1. Which group of numbers is in order from least to greatest?
 - A. 3.29, 2.92, 2.43, 1.89
 - B. 7.89, 7.90, 8.35, 8.41
 - C. 5.32, 5.25, 5.01, 5.1
 - D. 9.68, 9.07, 9.43, 9.27

2. Mr. Gavin's students competed during P.E. to see who could run the 50-yard dash the fastest. The top 4 students are listed in the table below. Which student in Mr. Gavin's class ran the fastest?

Student	Time (in seconds)
Juan	7.408
Devon	8.002
Trey	7.425
LeAnn	8.174

- A. Juan
 - B. Devon
 - C. Trey
 - D. LeAnn

3. Which number comes between 3.72 and 4.13?
 - A. 4.32
 - B. 3.48
 - C. 4.05
 - D. 2.89

4. Mrs. Williams was working with a small group of students on comparing decimals. She asked the students to write down a number between 9.054 and 9.183. Carla wrote 9.201. Tom wrote 9.197. Angie wrote 9.024 and Gary wrote 9.095. Who wrote the number correctly?

- A. Carla
- B. Tom
- C. Angie
- D. Gary

5. Casey loves to ride his bike. While he was on summer vacation, he rode his bike almost every day. The following chart shows the distance Casey rode during his first week of summer vacation. On which day did Casey ride the shortest distance?

Day	Miles Traveled
Monday	6.1
Tuesday	5.7
Wednesday	5.9
Thursday	5.3
Friday	6.2

- A. Monday
- B. Tuesday
- C. Wednesday
- D. Thursday

6. Which of the numbers below is less than 74.52?

- A. 74.91
- B. 82.03
- C. 74.35
- D. 75.18

7. Which group of numbers is in order from greatest to least?

- A. 8.091, 8.901, 9.005, 9.703
- B. 9.703, 9.005, 8.901, 8.091
- C. 9.703, 8.901, 9.005, 8.091
- D. 8.901, 9.005, 9.703, 8.091

8. After the storm passed through Houston last week, the total rainfall in four parts of the city was recorded in the table below. According to the table below which area received 3 hundredths of an inch?

Parts of Houston	Amount of Rainfall (in Inches)
North	3.3
South	0.3
East	0.03
West	0.003

- A. North
- B. South
- C. East
- D. West

9. Which of the following has the greatest value?

- A. 12.009
- B. 11.072
- C. 11.999
- D. 12.001

10. Which of the following is greater than 0.07 and less than 0.4?

- A. 0.05
- B. 0.44
- C. 0.41
- D. 0.35

11. Which of the following is true?

- A. $0.65 > 0.67$
- B. $0.51 < 0.49$
- C. $0.39 > 0.09$
- D. $0.25 < 0.19$

12. Mrs. Webber asked her math students to draw a line that measured between 12.5 cm and 13.5 cm in length. Four of the measurements are listed below. Which of the following measurements was drawn the correct length?

- A. 12.2 cm
- B. 13.4 cm
- C. 13.6 cm
- D. 13.7 cm

13. Dana was asked by her teacher to compare the numbers 149.041 and 149.901. Which way is the correct way to compare these two numbers?

- A. $149.041 > 149.901$
- B. $149.041 = 149.901$
- C. $149.901 < 149.041$
- D. $149.901 > 149.041$