

PROMOTION TEST

If you can do the exercises on this page and on page 256, you are ready for the next grade.

Add the following and check the work:

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|--|--|--|---|--|
| 1. $\begin{array}{r} 2.3 \\ 5.7 \\ \hline 6.4 \end{array}$ | 2. $\begin{array}{r} \$2.11 \\ .46 \\ \hline 3.06 \end{array}$ | 3. $\begin{array}{r} 62.4 \\ 2.3 \\ \hline 41.7 \end{array}$ | 4. $\begin{array}{r} 2.83 \\ 6. \\ \hline 1.25 \end{array}$ | 5. $\begin{array}{r} 6.125 \\ 2.500 \\ \hline 3.475 \end{array}$ |
|--|--|--|---|--|

Subtract the following and check the work:

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|--|---|--|--|--|
| 6. $\begin{array}{r} 8.3 \\ 2.7 \\ \hline \end{array}$ | 7. $\begin{array}{r} \$4.30 \\ .60 \\ \hline \end{array}$ | 8. $\begin{array}{r} 6.25 \\ 3. \\ \hline \end{array}$ | 9. $\begin{array}{r} 6. \\ 2.35 \\ \hline \end{array}$ | 10. $\begin{array}{r} 5.385 \\ .435 \\ \hline \end{array}$ |
|--|---|--|--|--|

11. Add these numbers: 4.27, 12.95, .85, and 1.79.
12. Change $5\frac{3}{4}$ to an improper fraction.
13. Change $\frac{20}{6}$ to a mixed number.
14. Reduce the fraction $\frac{35}{60}$ to lowest terms.
15. What part of a yard is 27 in.?
16. How many square feet are there in a garden that is 15 ft. long and 8 ft. wide?
17. Which has the greater volume, a box that is 6 ft. \times $4\frac{1}{2}$ ft. \times 4 ft. or a box that is $8\frac{1}{3}$ ft. \times 6 ft. \times 2 ft.?

Tell what numbers should be put in place of the dots:

- | | |
|--------------------------------------|--------------------------------------|
| 18. 54 in. = . . . yd. | 24. 19 bu. = . . . pk. |
| 19. $2\frac{1}{2}$ yd. = . . . in. | 25. $2\frac{1}{2}$ bu. = . . . qt. |
| 20. 18 ft. = . . . yd. | 26. 300 lb. = . . . cwt. |
| 21. $1\frac{1}{2}$ mi. = . . . ft. | 27. $10\frac{1}{2}$ lb. = . . . oz. |
| 22. $10\frac{1}{2}$ gal. = . . . qt. | 28. $3\frac{1}{4}$ min. = . . . sec. |
| 23. 104 qt. = . . . gal. | 29. $1\frac{3}{4}$ hr. = . . . min. |

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Add. Check by going over the work again:

1. $6\frac{1}{4}$	2. $9\frac{7}{8}$	3. $6\frac{5}{6}$	4. $3\frac{1}{10}$	5. $9\frac{1}{3}$
$5\frac{1}{8}$	$2\frac{1}{16}$	$4\frac{2}{3}$	$2\frac{3}{5}$	$7\frac{3}{4}$
<u>$8\frac{5}{8}$</u>	<u>$4\frac{1}{4}$</u>	<u>$8\frac{1}{2}$</u>	<u>$5\frac{1}{2}$</u>	<u>$2\frac{5}{8}$</u>

Subtract. Check the work by going over it again:

6. $9\frac{1}{2}$	7. $6\frac{1}{10}$	8. $9\frac{3}{4}$	9. $6\frac{2}{3}$	10. $5\frac{1}{4}$
$2\frac{3}{8}$	$5\frac{3}{10}$	$7\frac{3}{8}$	$1\frac{1}{2}$	$3\frac{5}{8}$
<u>$2\frac{3}{8}$</u>	<u>$5\frac{3}{10}$</u>	<u>$7\frac{3}{8}$</u>	<u>$1\frac{1}{2}$</u>	<u>$3\frac{5}{8}$</u>

Do the following. Check by going over the work:

11. $\frac{3}{4} \times 20$	17. $\frac{3}{2} \times \frac{5}{6}$	23. $25 \div \frac{5}{6}$	29. $\frac{5}{8} \div \frac{2}{3}$
12. $\frac{5}{8} \times 48$	18. $1\frac{1}{2} \times 41$	24. $18 \div \frac{16}{5}$	30. $\frac{9}{10} \div \frac{2}{5}$
13. $\frac{3}{8} \times 28$	19. $1\frac{1}{3} \times 1\frac{1}{2}$	25. $\frac{7}{10} \div 4$	31. $7\frac{1}{2} \div \frac{5}{8}$
14. $84 \times \frac{5}{6}$	20. $2\frac{3}{4} \times 92$	26. $\frac{4}{5} \div 10$	32. $1\frac{7}{8} \div \frac{3}{4}$
15. $16 \times 9\frac{1}{2}$	21. $\frac{5}{16} \times \frac{12}{15}$	27. $1\frac{1}{4} \div 5$	33. $1\frac{2}{3} \div 6\frac{1}{2}$
16. $26 \times 7\frac{1}{4}$	22. $7\frac{1}{5} \times 3\frac{1}{8}$	28. $3\frac{3}{4} \div 9$	34. $10 \div 3\frac{1}{7}$

Multiplication and Division of Decimals

In the division problems, express remainders as decimals:

1. 6×84.3	10. 6.2×1.4	19. $3234 \div 55$
2. 8×19.5	11. $2.9 \times .03$	20. $1662 \div 24$
3. $4 \times .018$	12. $.27 \times 3.8$	21. $7938 \div 105$
4. 7×2.06	13. $.02 \times 0.4$	22. $53.94 \div 87$
5. 12×8.75	14. $250 \times .007$	23. $332.5 \div 95$
6. $48 \times .362$	15. $.406 \times 999$	24. $304.5 \div 116$
7. $95 \times .008$	16. 45.1×33.6	25. $802.9 \div 124$
8. $.16 \times 541$	17. $507.6 \div 12$	26. $43.384 \div 34$
9. 3.1×705	18. $61.36 \div 13$	27. $63.679 \div 77$