

**Incoming 5th grade
Summer Math Practice**

Multiplication. Find each product.

1. $\begin{array}{r} 4,584 \\ \times \quad 6 \\ \hline \end{array}$	2. $\begin{array}{r} 7,519 \\ \times \quad 8 \\ \hline \end{array}$	3. $\begin{array}{r} 8,321 \\ \times \quad 3 \\ \hline \end{array}$	4. $\begin{array}{r} 2,404 \\ \times \quad 8 \\ \hline \end{array}$
5. $\begin{array}{r} 6,685 \\ \times \quad 9 \\ \hline \end{array}$	6. $\begin{array}{r} 8,326 \\ \times \quad 9 \\ \hline \end{array}$	7. $\begin{array}{r} 5,088 \\ \times \quad 6 \\ \hline \end{array}$	8. $\begin{array}{r} 9,504 \\ \times \quad 2 \\ \hline \end{array}$
9. $\begin{array}{r} 3,008 \\ \times \quad 5 \\ \hline \end{array}$	10. $\begin{array}{r} 2,376 \\ \times \quad 7 \\ \hline \end{array}$	11. $\begin{array}{r} 2,233 \\ \times \quad 3 \\ \hline \end{array}$	12. $\begin{array}{r} 1,375 \\ \times \quad 4 \\ \hline \end{array}$
13. $\begin{array}{r} 2,944 \\ \times \quad 7 \\ \hline \end{array}$	14. $\begin{array}{r} 1,665 \\ \times \quad 4 \\ \hline \end{array}$	15. $\begin{array}{r} 5,504 \\ \times \quad 5 \\ \hline \end{array}$	16. $\begin{array}{r} 6,484 \\ \times \quad 7 \\ \hline \end{array}$
17. $\begin{array}{r} 7,014 \\ \times \quad 4 \\ \hline \end{array}$	18. $\begin{array}{r} 9,430 \\ \times \quad 8 \\ \hline \end{array}$	19. $\begin{array}{r} 4,891 \\ \times \quad 2 \\ \hline \end{array}$	20. $\begin{array}{r} 5,098 \\ \times \quad 4 \\ \hline \end{array}$



Finding Equivalent Fractions

Name: _____

Find the number that makes an equivalent fraction.

Ex) $\frac{4}{5} = \frac{32}{40}$

1) $\frac{4}{6} = \frac{\quad}{24}$

2) $\frac{1}{2} = \frac{6}{\quad}$

3) $\frac{2}{5} = \frac{\quad}{30}$

4) $\frac{3}{8} = \frac{15}{\quad}$

5) $\frac{2}{9} = \frac{\quad}{27}$

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

7) $\frac{5}{8} = \frac{35}{\quad}$

8) $\frac{3}{6} = \frac{\quad}{24}$

9) $\frac{5}{6} = \frac{30}{\quad}$

10) $\frac{4}{5} = \frac{\quad}{35}$

11) $\frac{4}{10} = \frac{\quad}{50}$

12) $\frac{1}{4} = \frac{7}{\quad}$

13) $\frac{2}{4} = \frac{8}{\quad}$

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

15) $\frac{2}{6} = \frac{4}{\quad}$

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

17) $\frac{3}{4} = \frac{24}{\quad}$

18) $\frac{1}{6} = \frac{5}{\quad}$

19) $\frac{3}{9} = \frac{9}{\quad}$

20) $\frac{6}{8} = \frac{\quad}{48}$

Answers

Ex. 32

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

11. _____

12. _____

13. _____

14. _____

15. _____

16. _____

17. _____

18. _____

19. _____

20. _____

Division Facts Practice Week #2**Set a timer for 5 minutes**

$6\overline{)72}$	$6\overline{)60}$	$2\overline{)18}$	$5\overline{)55}$
$4\overline{)24}$	$7\overline{)42}$	$8\overline{)40}$	$7\overline{)77}$
$2\overline{)4}$	$1\overline{)9}$	$4\overline{)8}$	$2\overline{)10}$
$7\overline{)84}$	$8\overline{)40}$	$6\overline{)36}$	$2\overline{)16}$
$11\overline{)55}$	$2\overline{)6}$	$8\overline{)72}$	$11\overline{)88}$
$6\overline{)18}$	$8\overline{)80}$	$2\overline{)12}$	$3\overline{)36}$
$1\overline{)9}$	$3\overline{)33}$	$2\overline{)24}$	$5\overline{)25}$
$2\overline{)22}$	$1\overline{)11}$	$2\overline{)8}$	$11\overline{)88}$
$3\overline{)33}$	$11\overline{)66}$	$1\overline{)5}$	$4\overline{)12}$
$4\overline{)32}$	$1\overline{)7}$	$11\overline{)32}$	$11\overline{)33}$



Reducing Fractions

Name: _____

Reduce each fraction as much as possible.

Ex) $\frac{7}{28} = \frac{1}{4}$

1) $\frac{10}{20} = \underline{\hspace{2cm}}$

2) $\frac{7}{42} = \underline{\hspace{2cm}}$

3) $\frac{12}{32} = \underline{\hspace{2cm}}$

4) $\frac{25}{30} = \underline{\hspace{2cm}}$

5) $\frac{9}{54} = \underline{\hspace{2cm}}$

6) $\frac{9}{27} = \underline{\hspace{2cm}}$

7) $\frac{20}{24} = \underline{\hspace{2cm}}$

8) $\frac{35}{40} = \underline{\hspace{2cm}}$

9) $\frac{30}{80} = \underline{\hspace{2cm}}$

10) $\frac{21}{28} = \underline{\hspace{2cm}}$

11) $\frac{2}{4} = \underline{\hspace{2cm}}$

12) $\frac{7}{14} = \underline{\hspace{2cm}}$

13) $\frac{45}{72} = \underline{\hspace{2cm}}$

14) $\frac{10}{60} = \underline{\hspace{2cm}}$

15) $\frac{3}{6} = \underline{\hspace{2cm}}$

16) $\frac{5}{30} = \underline{\hspace{2cm}}$

17) $\frac{8}{12} = \underline{\hspace{2cm}}$

18) $\frac{15}{24} = \underline{\hspace{2cm}}$

19) $\frac{15}{20} = \underline{\hspace{2cm}}$

20) $\frac{6}{16} = \underline{\hspace{2cm}}$

Answers

Ex. $\frac{1}{4}$

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

11. _____

12. _____

13. _____

14. _____

15. _____

16. _____

17. _____

18. _____

19. _____

20. _____

Division Facts Practice Week #4**Set a timer for 5 minutes**

$11\overline{)88}$	$6\overline{)12}$	$6\overline{)60}$	$5\overline{)20}$
$9\overline{)45}$	$10\overline{)80}$	$4\overline{)48}$	$8\overline{)80}$
$7\overline{)21}$	$8\overline{)64}$	$8\overline{)96}$	$8\overline{)56}$
$5\overline{)30}$	$10\overline{)100}$	$7\overline{)28}$	$9\overline{)18}$
$7\overline{)49}$	$9\overline{)63}$	$8\overline{)56}$	$5\overline{)25}$
$8\overline{)80}$	$5\overline{)15}$	$9\overline{)18}$	$8\overline{)24}$
$3\overline{)9}$	$11\overline{)99}$	$3\overline{)12}$	$4\overline{)12}$
$10\overline{)80}$	$10\overline{)100}$	$11\overline{)66}$	$5\overline{)30}$
$4\overline{)16}$	$11\overline{)66}$	$7\overline{)28}$	$8\overline{)40}$
$7\overline{)14}$	$11\overline{)33}$	$5\overline{)30}$	$4\overline{)36}$



Improper Fraction to Mixed Number Fraction

Name: _____

Convert the improper fraction to a mixed number fraction.

$$\frac{17}{5}$$

First divide the numerator by the denominator.

$$17 \div 5 = 3 \text{ r}2$$

$$3 \frac{2}{5}$$

The 3 is your whole number. While the remainder become the numerator.

$$3 \frac{2}{5}$$

Your denominator stays the same. And now you have your mixed number.

Answers

Ex. $5 \frac{3}{4}$

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

Ex) $\frac{23}{4} = 5 \frac{3}{4}$

1) $\frac{20}{7} =$

2) $\frac{11}{10} =$

3) $\frac{6}{4} =$

4) $\frac{13}{4} =$

5) $\frac{66}{7} =$

6) $\frac{86}{8} =$

7) $\frac{25}{6} =$

8) $\frac{102}{10} =$

9) $\frac{51}{7} =$

10) $\frac{29}{3} =$

11) $\frac{7}{2} =$

12) $\frac{37}{10} =$

13) $\frac{21}{4} =$

14) $\frac{10}{4} =$

15) $\frac{14}{5} =$

16) $\frac{31}{3} =$

17) $\frac{53}{9} =$

18) $\frac{49}{5} =$

19) $\frac{42}{8} =$

20) $\frac{77}{8} =$

Division Facts Practice Week #6**Set a timer for 5 minutes**

$2\overline{)22}$	$11\overline{)33}$	$10\overline{)70}$	$11\overline{)44}$
$3\overline{)15}$	$11\overline{)22}$	$11\overline{)66}$	$6\overline{)66}$
$7\overline{)49}$	$5\overline{)25}$	$12\overline{)36}$	$2\overline{)12}$
$7\overline{)14}$	$7\overline{)56}$	$3\overline{)36}$	$8\overline{)40}$
$9\overline{)45}$	$10\overline{)30}$	$4\overline{)20}$	$12\overline{)12}$
$5\overline{)60}$	$12\overline{)24}$	$6\overline{)66}$	$4\overline{)24}$
$9\overline{)72}$	$12\overline{)84}$	$11\overline{)66}$	$11\overline{)33}$
$10\overline{)50}$	$12\overline{)60}$	$10\overline{)60}$	$5\overline{)20}$
$4\overline{)32}$	$10\overline{)60}$	$6\overline{)24}$	$3\overline{)18}$
$11\overline{)55}$	$12\overline{)48}$	$9\overline{)36}$	$9\overline{)9}$



Mixed Number Fraction to Improper Fraction

Name: _____

Convert the mixed number fraction to improper fraction.

$$3 \frac{2}{5}$$

$$3 \frac{17}{5}$$

$$\frac{17}{5}$$

First multiply the denominator by the whole number.
 $5 \times 3 = 15$

Next add your answer from step 1 to your numerator.

Finally drop the whole number. Now you have your improper fraction.

Answers

Ex. $\frac{9}{4}$

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

11. _____

12. _____

13. _____

14. _____

15. _____

16. _____

17. _____

18. _____

19. _____

20. _____

Ex) $2 \frac{1}{4} = \frac{9}{4}$

1) $2 \frac{1}{2} =$

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

3) $2 \frac{1}{7} =$

4) $5 \frac{8}{9} =$

5) $8 \frac{3}{5} =$

6) $1 \frac{4}{6} =$

7) $3 \frac{5}{8} =$

8) $10 \frac{3}{9} =$

9) $9 \frac{1}{5} =$

10) $10 \frac{2}{4} =$

11) $4 \frac{5}{6} =$

12) $7 \frac{1}{10} =$

13) $10 \frac{1}{4} =$

14) $9 \frac{4}{9} =$

15) $1 \frac{2}{8} =$

16) $3 \frac{1}{2} =$

17) $3 \frac{1}{3} =$

18) $3 \frac{4}{10} =$

19) $3 \frac{2}{5} =$

20) $7 \frac{1}{2} =$