

6th Grade Math

Week of April 27th – May 1st

Assignment #4

Write your answers to problems 3 – 21, odds only, on your own sheet of lined paper. Please be sure to follow our paper heading rules. (Call this one “Assignment #4, 3-21 odds”).

Equivalent Fractions

Name _____

Date _____

Equivalent fractions name the same part of a whole or set.

To find equivalent fractions, multiply or divide the fraction by a fraction equal to 1.

$$\frac{7}{8} = \frac{7 \times 4}{8 \times 4} = \frac{28}{32}$$

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← equivalent
fractions

$$\frac{9}{45} = \frac{9 \div 9}{45 \div 9} = \frac{1}{5}$$

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← equivalent
fractions

Write the missing term to complete the equivalent fraction.

3. $\frac{3}{4} = \frac{n}{12}$

4. $\frac{1}{11} = \frac{a}{88}$

5. $\frac{2}{9} = \frac{c}{81}$

6. $\frac{2}{3} = \frac{q}{12}$

7. $\frac{5}{7} = \frac{40}{f}$

8. $\frac{1}{8} = \frac{6}{b}$

9. $\frac{1}{10} = \frac{3}{q}$

10. $\frac{3}{11} = \frac{6}{s}$

11. $\frac{9}{10} = \frac{r}{100}$

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

13. $\frac{9}{30} = \frac{m}{10}$

14. $\frac{4}{12} = \frac{t}{3}$

15. $\frac{21}{28} = \frac{z}{4}$

16. $\frac{40}{45} = \frac{x}{9}$

17. $\frac{2}{6} = \frac{1}{h}$

18. $\frac{4}{k} = \frac{20}{25}$

19. $\frac{6}{13} = \frac{24}{m}$

20. $\frac{49}{e} = \frac{7}{8}$

21. $\frac{x}{15} = \frac{36}{45}$

22. $\frac{9}{16} = \frac{y}{144}$

Practice