Equivalent Fractions (A)

Name: _____   Date: _____   Score: _____

Fill in each blank with a number that makes each pair of fractions equivalent.

1) $\dfrac{5}{11} = \dfrac{10}{\rule{1cm}{0.4pt}}$
2) $\dfrac{1}{\rule{1cm}{0.4pt}} = \dfrac{3}{6}$
3) $\dfrac{1}{\rule{1cm}{0.4pt}} = \dfrac{5}{40}$
4) $\dfrac{9}{\rule{1cm}{0.4pt}} = \dfrac{27}{33}$
5) $\dfrac{\rule{1cm}{0.4pt}}{9} = \dfrac{15}{27}$

6) $\dfrac{3}{4} = \dfrac{6}{\rule{1cm}{0.4pt}}$
7) $\dfrac{2}{7} = \dfrac{4}{\rule{1cm}{0.4pt}}$
8) $\dfrac{9}{10} = \dfrac{\rule{1cm}{0.4pt}}{30}$
9) $\dfrac{\rule{1cm}{0.4pt}}{7} = \dfrac{3}{21}$
10) $\dfrac{\rule{1cm}{0.4pt}}{11} = \dfrac{14}{22}$

11) $\dfrac{3}{\rule{1cm}{0.4pt}} = \dfrac{6}{22}$
12) $\dfrac{2}{5} = \dfrac{10}{\rule{1cm}{0.4pt}}$
13) $\dfrac{7}{\rule{1cm}{0.4pt}} = \dfrac{21}{36}$
14) $\dfrac{7}{8} = \dfrac{14}{\rule{1cm}{0.4pt}}$
15) $\dfrac{\rule{1cm}{0.4pt}}{5} = \dfrac{2}{10}$

16) $\dfrac{\rule{1cm}{0.4pt}}{10} = \dfrac{3}{30}$
17) $\dfrac{\rule{1cm}{0.4pt}}{7} = \dfrac{12}{21}$
18) $\dfrac{\rule{1cm}{0.4pt}}{4} = \dfrac{5}{20}$
19) $\dfrac{4}{5} = \dfrac{20}{\rule{1cm}{0.4pt}}$
20) $\dfrac{3}{7} = \dfrac{6}{\rule{1cm}{0.4pt}}$

21) $\dfrac{2}{\rule{1cm}{0.4pt}} = \dfrac{6}{9}$
22) $\dfrac{6}{\rule{1cm}{0.4pt}} = \dfrac{24}{28}$
23) $\dfrac{8}{9} = \dfrac{16}{\rule{1cm}{0.4pt}}$
24) $\dfrac{3}{\rule{1cm}{0.4pt}} = \dfrac{15}{40}$
25) $\dfrac{1}{9} = \dfrac{4}{\rule{1cm}{0.4pt}}$

26) $\dfrac{3}{5} = \dfrac{\rule{1cm}{0.4pt}}{20}$
27) $\dfrac{\rule{1cm}{0.4pt}}{3} = \dfrac{5}{15}$
28) $\dfrac{\rule{1cm}{0.4pt}}{12} = \dfrac{44}{48}$
29) $\dfrac{3}{10} = \dfrac{\rule{1cm}{0.4pt}}{50}$
30) $\dfrac{1}{11} = \dfrac{4}{\rule{1cm}{0.4pt}}$

31) $\dfrac{5}{7} = \dfrac{15}{\rule{1cm}{0.4pt}}$
32) $\dfrac{\rule{1cm}{0.4pt}}{12} = \dfrac{4}{48}$
33) $\dfrac{5}{6} = \dfrac{\rule{1cm}{0.4pt}}{30}$
34) $\dfrac{1}{6} = \dfrac{\rule{1cm}{0.4pt}}{30}$
35) $\dfrac{7}{9} = \dfrac{35}{\rule{1cm}{0.4pt}}$

36) $\dfrac{7}{\rule{1cm}{0.4pt}} = \dfrac{35}{50}$
37) $\dfrac{2}{\rule{1cm}{0.4pt}} = \dfrac{10}{45}$
38) $\dfrac{5}{8} = \dfrac{20}{\rule{1cm}{0.4pt}}$
39) $\dfrac{\rule{1cm}{0.4pt}}{9} = \dfrac{20}{45}$
40) $\dfrac{5}{12} = \dfrac{10}{\rule{1cm}{0.4pt}}$

Equivalent Fractions (A) Answers

Name: _____ Date: _____ Score: _____

Fill in each blank with a number that makes each pair of fractions equivalent.

1) $\dfrac{5}{11} = \dfrac{10}{22}$
$\times 2 \longrightarrow$

2) $\dfrac{1}{2} = \dfrac{3}{6}$
$\longleftarrow \div 3$

3) $\dfrac{1}{8} = \dfrac{5}{40}$
$\longleftarrow \div 5$

4) $\dfrac{9}{11} = \dfrac{27}{33}$
$\longleftarrow \div 3$

5) $\dfrac{5}{9} = \dfrac{15}{27}$
$\longleftarrow \div 3$

6) $\dfrac{3}{4} = \dfrac{6}{8}$
$\times 2 \longrightarrow$

7) $\dfrac{2}{7} = \dfrac{4}{14}$
$\times 2 \longrightarrow$

8) $\dfrac{9}{10} = \dfrac{27}{30}$
$\times 3 \longrightarrow$

9) $\dfrac{1}{7} = \dfrac{3}{21}$
$\longleftarrow \div 3$

10) $\dfrac{7}{11} = \dfrac{14}{22}$
$\longleftarrow \div 2$

11) $\dfrac{3}{11} = \dfrac{6}{22}$
$\longleftarrow \div 2$

12) $\dfrac{2}{5} = \dfrac{10}{25}$
$\times 5 \longrightarrow$

13) $\dfrac{7}{12} = \dfrac{21}{36}$
$\longleftarrow \div 3$

14) $\dfrac{7}{8} = \dfrac{14}{16}$
$\times 2 \longrightarrow$

15) $\dfrac{1}{5} = \dfrac{2}{10}$
$\longleftarrow \div 2$

16) $\dfrac{1}{10} = \dfrac{3}{30}$
$\longleftarrow \div 3$

17) $\dfrac{4}{7} = \dfrac{12}{21}$
$\longleftarrow \div 3$

18) $\dfrac{1}{4} = \dfrac{5}{20}$
$\longleftarrow \div 5$

19) $\dfrac{4}{5} = \dfrac{20}{25}$
$\times 5 \longrightarrow$

20) $\dfrac{3}{7} = \dfrac{6}{14}$
$\times 2 \longrightarrow$

21) $\dfrac{2}{3} = \dfrac{6}{9}$
$\longleftarrow \div 3$

22) $\dfrac{6}{7} = \dfrac{24}{28}$
$\longleftarrow \div 4$

23) $\dfrac{8}{9} = \dfrac{16}{18}$
$\times 2 \longrightarrow$

24) $\dfrac{3}{8} = \dfrac{15}{40}$
$\longleftarrow \div 5$

25) $\dfrac{1}{9} = \dfrac{4}{36}$
$\times 4 \longrightarrow$

26) $\dfrac{3}{5} = \dfrac{12}{20}$
$\times 4 \longrightarrow$

27) $\dfrac{1}{3} = \dfrac{5}{15}$
$\longleftarrow \div 5$

28) $\dfrac{11}{12} = \dfrac{44}{48}$
$\longleftarrow \div 4$

29) $\dfrac{3}{10} = \dfrac{15}{50}$
$\times 5 \longrightarrow$

30) $\dfrac{1}{11} = \dfrac{4}{44}$
$\times 4 \longrightarrow$

31) $\dfrac{5}{7} = \dfrac{15}{21}$
$\times 3 \longrightarrow$

32) $\dfrac{1}{12} = \dfrac{4}{48}$
$\longleftarrow \div 4$

33) $\dfrac{5}{6} = \dfrac{25}{30}$
$\times 5 \longrightarrow$

34) $\dfrac{1}{6} = \dfrac{5}{30}$
$\times 5 \longrightarrow$

35) $\dfrac{7}{9} = \dfrac{35}{45}$
$\times 5 \longrightarrow$

36) $\dfrac{7}{10} = \dfrac{35}{50}$
$\longleftarrow \div 5$

37) $\dfrac{2}{9} = \dfrac{10}{45}$
$\longleftarrow \div 5$

38) $\dfrac{5}{8} = \dfrac{20}{32}$
$\times 4 \longrightarrow$

39) $\dfrac{4}{9} = \dfrac{20}{45}$
$\longleftarrow \div 5$

40) $\dfrac{5}{12} = \dfrac{10}{24}$
$\times 2 \longrightarrow$

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