

Math Sheet

Name _____ Score _____ / 30 Teacher _____ Date _____

Reducing Fractions

Reduce each fraction to lowest terms.

1.
 $\frac{36}{42}$
= _____

2.
 $\frac{2}{4}$
= _____

3.
 $\frac{48}{56}$
= _____

4.
 $\frac{14}{35}$
= _____

5.
 $\frac{20}{25}$
= _____

6.
 $\frac{20}{25}$
= _____

7.
 $\frac{3}{27}$
= _____

8.
 $\frac{5}{15}$
= _____

9.
 $\frac{15}{50}$
= _____

10.
 $\frac{10}{15}$
= _____

11.
 $\frac{16}{18}$
= _____

12.
 $\frac{8}{14}$
= _____

13.
 $\frac{14}{49}$
= _____

14.
 $\frac{9}{63}$
= _____

15.
 $\frac{7}{21}$
= _____

16.
 $\frac{25}{30}$
= _____

17.
 $\frac{42}{48}$
= _____

18.
 $\frac{15}{25}$
= _____

19.
 $\frac{2}{6}$
= _____

20.
 $\frac{40}{48}$
= _____

21.
 $\frac{9}{36}$
= _____

22.
 $\frac{32}{56}$
= _____

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Reducing Fractions

Reduce each fraction to lowest terms.

23.

6

12

=

24.

9

24

=

25.

63

72

=

26.

9

36

=

27.

16

72

=

28.

9

72

=

29.

15

50

=

30.

9

72

=

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Reducing Fractions - Answer key

Reduce each fraction to lowest terms.

1. $\frac{36}{42} = \frac{6}{7}$

Divide both parts by 6: $36/42 = 6/7$.

2. $\frac{2}{4} = \frac{1}{2}$

Divide both parts by 2: $2/4 = 1/2$.

3. $\frac{48}{56} = \frac{6}{7}$

Divide both parts by 8: $48/56 = 6/7$.

4. $\frac{14}{35} = \frac{2}{5}$

Divide both parts by 7: $14/35 = 2/5$.

5. $\frac{20}{25} = \frac{4}{5}$

Divide both parts by 5: $20/25 = 4/5$.

6. $\frac{20}{25} = \frac{4}{5}$

Divide both parts by 5: $20/25 = 4/5$.

7. $\frac{3}{27} = \frac{1}{9}$

Divide both parts by 3: $3/27 = 1/9$.

8. $\frac{5}{15} = \frac{1}{3}$

Divide both parts by 5: $5/15 = 1/3$.

9. $\frac{15}{50} = \frac{3}{10}$

Divide both parts by 5: $15/50 = 3/10$.

10. $\frac{10}{15} = \frac{2}{3}$

Divide both parts by 5: $10/15 = 2/3$.

11. $\frac{16}{18} = \frac{8}{9}$

Divide both parts by 2: $16/18 = 8/9$.

12. $\frac{8}{14} = \frac{4}{7}$

Divide both parts by 2: $8/14 = 4/7$.

13. $\frac{14}{49} = \frac{2}{7}$

Divide both parts by 7: $14/49 = 2/7$.

14. $\frac{9}{63} = \frac{1}{7}$

Divide both parts by 9: $9/63 = 1/7$.

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Reduce each fraction to lowest terms.

15. $\frac{7}{21} = \frac{1}{3}$

Divide both parts by 7: $7/21 = 1/3$.

16. $\frac{25}{30} = \frac{5}{6}$

Divide both parts by 5: $25/30 = 5/6$.

17. $\frac{42}{48} = \frac{7}{8}$

Divide both parts by 6: $42/48 = 7/8$.

18. $\frac{15}{25} = \frac{3}{5}$

Divide both parts by 5: $15/25 = 3/5$.

19. $\frac{2}{6} = \frac{1}{3}$

Divide both parts by 2: $2/6 = 1/3$.

20. $\frac{40}{48} = \frac{5}{6}$

Divide both parts by 8: $40/48 = 5/6$.

21. $\frac{9}{36} = \frac{1}{4}$

Divide both parts by 9: $9/36 = 1/4$.

22. $\frac{32}{56} = \frac{4}{7}$

Divide both parts by 8: $32/56 = 4/7$.

23. $\frac{6}{12} = \frac{1}{2}$

Divide both parts by 6: $6/12 = 1/2$.

24. $\frac{9}{24} = \frac{3}{8}$

Divide both parts by 3: $9/24 = 3/8$.

25. $\frac{63}{72} = \frac{7}{8}$

Divide both parts by 9: $63/72 = 7/8$.

26. $\frac{9}{36} = \frac{1}{4}$

Divide both parts by 9: $9/36 = 1/4$.

27. $\frac{16}{72} = \frac{2}{9}$

Divide both parts by 8: $16/72 = 2/9$.

28. $\frac{9}{72} = \frac{1}{8}$

Divide both parts by 9: $9/72 = 1/8$.

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Reducing Fractions - Answer key

Reduce each fraction to lowest terms.

29. $\frac{15}{50} = \frac{3}{10}$

Divide both parts by 5: 15/50 = 3/10.

30. $\frac{9}{72} = \frac{1}{8}$

Divide both parts by 9: 9/72 = 1/8.