

Name _____

Per _____

Divide Fractions

CRASHING NOT INTENDED

STW
in your
notebook!

Stock car races are great recreational fun for car owners and spectators alike. Owners fix up old cars with hot engines and try to win money, prizes, and prestige in races. No one intends to crash these cars! But crashes do occur quite often.

Twenty cars are in this race. Which ones will crash? It will be those that have problems with incorrect answers. You'll need skills at dividing fractions to figure out which ones those are. Write "crash" beside numbers of cars that *will* crash; put a check mark (✓) beside those that *will not* crash.

_____ 1. $\frac{5}{9} \div \frac{8}{15} = 1\frac{1}{24}$

_____ 18. $\frac{7}{9} \div \frac{9}{7} = \frac{49}{81}$

_____ 2. $\frac{4}{9} \div \frac{3}{10} = 1\frac{13}{27}$

_____ 19. $\frac{1}{10} \div \frac{1}{10} = \frac{1}{100}$

_____ 3. $\frac{5}{8} \div \frac{1}{2} = \frac{5}{16}$

_____ 20. $\frac{3}{10} \div 18 = \frac{1}{6}$

_____ 4. $\frac{1}{2} \div \frac{5}{8} = \frac{1}{2}$

_____ 21. $\frac{6}{5} \div 1 = \frac{5}{6}$

_____ 5. $\frac{1}{8} \div 8 = \frac{1}{64}$

_____ 22. $\frac{7}{8} \div \frac{6}{9} = \frac{15}{16}$

_____ 6. $\frac{4}{3} \div \frac{1}{3} = \frac{4}{3}$

_____ 23. $\frac{1}{2} \div \frac{2}{3} = \frac{1}{6}$

_____ 7. $10 \div \frac{3}{8} = 35$

_____ 24. $11\frac{1}{12} \div \frac{1}{2} = 12\frac{2}{3}$

_____ 8. $\frac{7}{10} \div \frac{4}{6} = 1\frac{11}{20}$

_____ 25. $\frac{1}{3} \div \frac{2}{3} = \frac{1}{2}$

_____ 9. $8 \div \frac{3}{10} = 26\frac{2}{3}$

_____ 26. $\frac{12}{15} \div \frac{1}{2} = 1\frac{3}{5}$

_____ 10. $\frac{9}{20} \div 6 = \frac{3}{40}$

_____ 27. $\frac{1}{3} \div \frac{13}{18} = \frac{6}{13}$

_____ 11. $\frac{2}{5} \div \frac{4}{5} = \frac{1}{2}$

_____ 28. $\frac{9}{10} \div \frac{10}{9} = 8\frac{1}{100}$

_____ 12. $\frac{1}{3} \div \frac{1}{3} = \frac{3}{9}$

_____ 29. $\frac{7}{8} \div \frac{1}{4} = \frac{7}{16}$

_____ 13. $\frac{1}{2} \div \frac{1}{4} = 2$

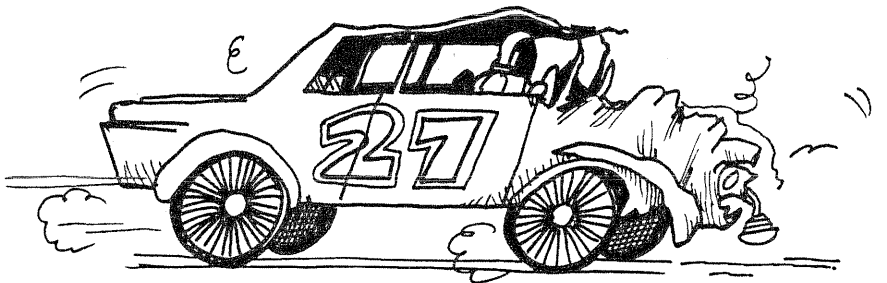
_____ 30. $\frac{5}{25} \div \frac{1}{5} = 1$

_____ 14. $\frac{9}{27} \div \frac{1}{3} = 1$

_____ 15. $\frac{2}{3} \div \frac{7}{9} = \frac{6}{7}$

_____ 16. $\frac{4}{7} \div 4 = 1\frac{6}{7}$

_____ 17. $\frac{5}{9} \div \frac{1}{9} = 5$



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