

Name

Date



DIVIDING FRACTIONS SHEET 3

Work out these fraction divisions.

Your answer should be put in simplest form, but can be left as an improper fraction.

1) $\frac{2}{3} \div \frac{1}{5} =$

2) $\frac{3}{8} \div \frac{2}{7} =$

3) $\frac{3}{2} \div \frac{4}{9} =$

4) $\frac{2}{7} \div \frac{5}{3} =$

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

6) $\frac{1}{6} \div \frac{4}{15} =$

7) $\frac{3}{5} \div \frac{10}{4} =$

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

9) $\frac{4}{11} \div \frac{2}{9} =$

10) $\frac{7}{4} \div \frac{5}{12} =$

11) $\frac{6}{15} \div \frac{3}{10} =$

12) $\frac{7}{9} \div \frac{8}{5} =$

13) $\frac{2}{15} \div \frac{4}{7} =$

14) $\frac{5}{12} \div \frac{3}{8} =$

15) $\frac{3}{5} \div \frac{12}{7} =$

16) $\frac{7}{10} \div \frac{5}{12} =$

17) $\frac{10}{11} \div \frac{5}{8} =$

18) $\frac{4}{13} \div \frac{5}{14} =$

"Have you remembered to reduce your answers to simplest form?"



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DIVIDING FRACTIONS SHEET 3 ANSWERS

- 1) $\frac{2}{3} \div \frac{1}{5} = \frac{2}{3} \times \frac{5}{1} = \frac{10}{3}$
- 2) $\frac{3}{8} \div \frac{2}{7} = \frac{3}{8} \times \frac{7}{2} = \frac{21}{16}$
- 3) $\frac{3}{2} \div \frac{4}{9} = \frac{3}{2} \times \frac{9}{4} = \frac{27}{8}$
- 4) $\frac{2}{7} \div \frac{5}{3} = \frac{2}{7} \times \frac{3}{5} = \frac{6}{35}$
- 5) $\frac{5}{8} \div \frac{3}{7} = \frac{5}{8} \times \frac{7}{3} = \frac{35}{24}$
- 6) $\frac{1}{6} \div \frac{4}{15} = \frac{1}{6} \times \frac{15}{4} = \frac{5}{8}$
- 7) $\frac{3}{5} \div \frac{10}{4} = \frac{3}{5} \times \frac{4}{10} = \frac{6}{25}$
- 8) $\frac{5}{7} \div \frac{8}{3} = \frac{5}{7} \times \frac{3}{8} = \frac{15}{56}$
- 9) $\frac{4}{11} \div \frac{2}{9} = \frac{4}{11} \times \frac{9}{2} = \frac{18}{11}$
- 10) $\frac{7}{4} \div \frac{5}{12} = \frac{7}{4} \times \frac{12}{5} = \frac{21}{5}$
- 11) $\frac{6}{15} \div \frac{3}{10} = \frac{6}{15} \times \frac{10}{3} = \frac{4}{3}$
- 12) $\frac{7}{9} \div \frac{8}{5} = \frac{7}{9} \times \frac{5}{8} = \frac{35}{72}$
- 13) $\frac{2}{15} \div \frac{4}{7} = \frac{2}{15} \times \frac{7}{4} = \frac{7}{30}$
- 14) $\frac{5}{12} \div \frac{3}{8} = \frac{5}{12} \times \frac{8}{3} = \frac{10}{9}$
- 15) $\frac{3}{5} \div \frac{12}{7} = \frac{3}{5} \times \frac{7}{12} = \frac{7}{20}$
- 16) $\frac{7}{10} \div \frac{5}{12} = \frac{7}{10} \times \frac{12}{5} = \frac{42}{25}$
- 17) $\frac{10}{11} \div \frac{5}{8} = \frac{10}{11} \times \frac{8}{5} = \frac{16}{11}$
- 18) $\frac{4}{13} \div \frac{5}{14} = \frac{4}{13} \times \frac{14}{5} = \frac{56}{65}$