

Yr 8 Practice Test FDP - Answers

1. 48300 (move the decimal 3 places to the right)
2. 0.365 (move the decimal 2 places to the left)
3. $0.36 = \frac{36 \div 4}{100 \div 4} = \frac{9}{25}$
4. $\frac{5}{13} + \frac{4}{13} = \frac{9}{13}$
5. $\frac{1}{5} + \frac{4}{3}$ (make the denominator the same)
 $\frac{1 \times 3}{5 \times 3} + \frac{4 \times 5}{3 \times 5} = \frac{3}{15} + \frac{20}{15} = \frac{23}{15}$
6. $\frac{5}{7} - \frac{2}{3}$ (make the denominator the same)
 $\frac{5 \times 3}{7 \times 3} - \frac{2 \times 7}{3 \times 7} = \frac{15}{21} - \frac{14}{21} = \frac{1}{21}$
7. $\frac{1 \times 2}{3 \times 2} = \frac{2}{6}$
8. $\frac{2}{3} \times \frac{2}{7} = \frac{4}{21}$
9. $\frac{3}{8} \div \frac{1}{4}$
 $\frac{3}{8} \times \frac{4}{1} = \frac{12 \div 4}{8 \div 4} = \frac{3}{2}$
10. $\frac{2}{5} \times 35 = 14$ ($35 \div 5 = 7$ then $2 \times 7 = 14$)
11. $\frac{3}{4} = 0.75$