

15.1.21LI. To calculate the decimal equivalent of a fraction.

1.  $0.4 \times 742$

2.  $52.2 \div 4$

3.  $28 \times 5$

4.  $33.5 - 4.76$

5.  $3856 \div 4$

6.  $98.23 \times 10$

7.  $4.4 + 0.06$

8.  $-21 + 23$

9.  $387 - 9$

10.  $6 \times 6 \times 9$

11.  $48 \div 4$

12.  $9.3 - 0.6$

13.  $485 + 17$

14.  $44 \times 3$

15.  $7846 + 1000$

15.1.21LI. To calculate the decimal equivalent of a fraction.

1.  $0.4 \times 742 = 296.8$

2.  $52.2 \div 4 = 13.05$

3.  $28 \times 5 = 140$

4.  $33.5 - 4.76 = 41.52$

5.  $3856 \div 4 = 964$

6.  $98.23 \times 10 = 982.3$

7.  $4.4 + 0.06 = 4.46$

8.  $-21 + 23 = 2$

9.  $387 - 9 = 378$

10.  $6 \times 6 \times 9 = 324$

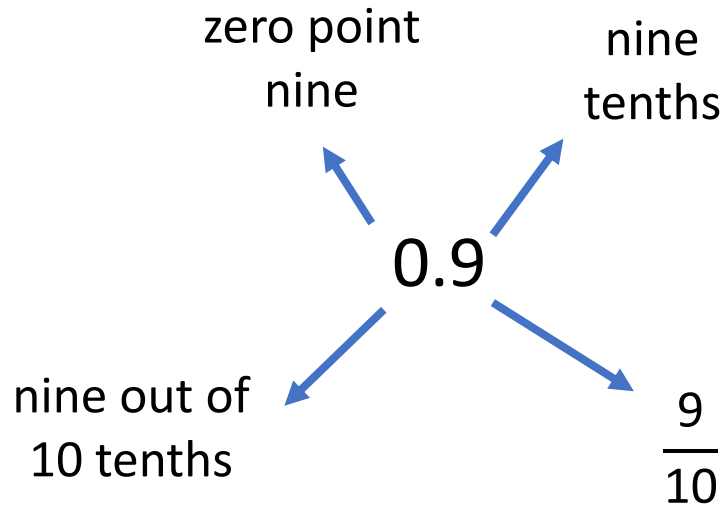
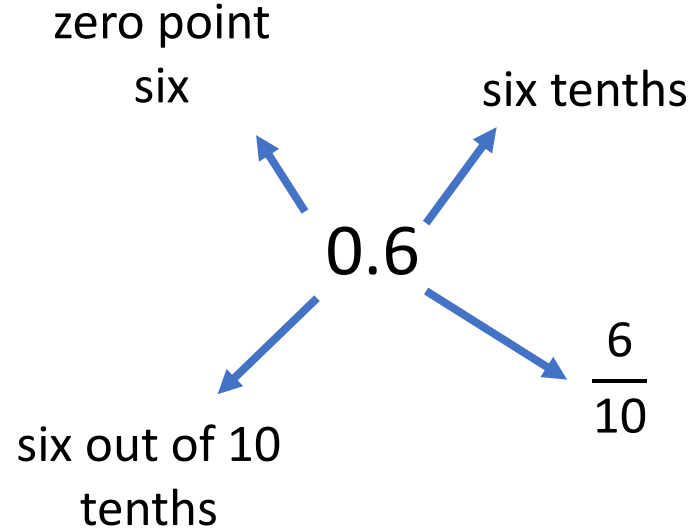
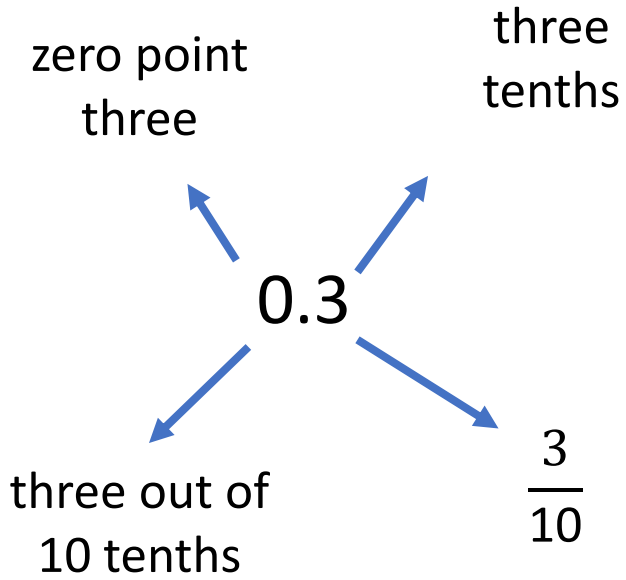
11.  $48 \div 4 = 12$

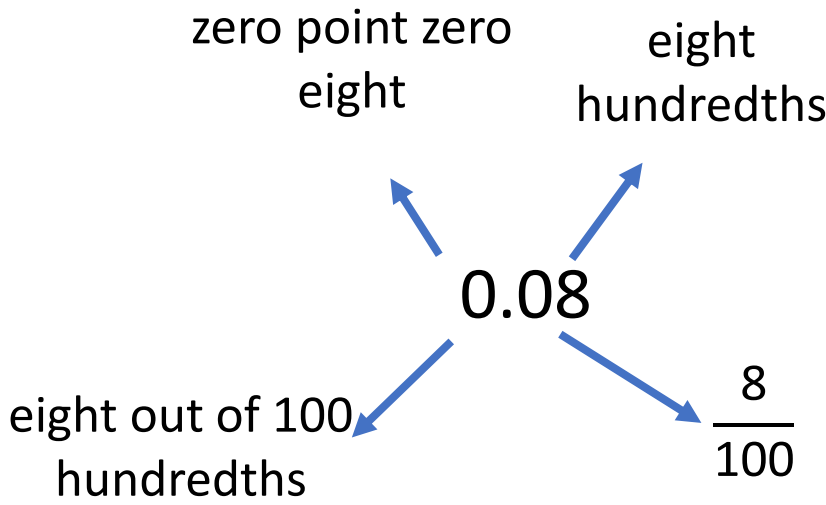
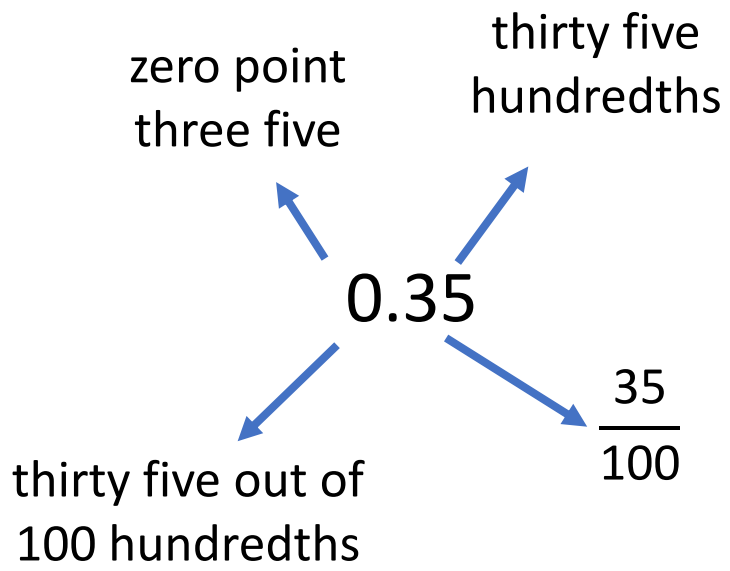
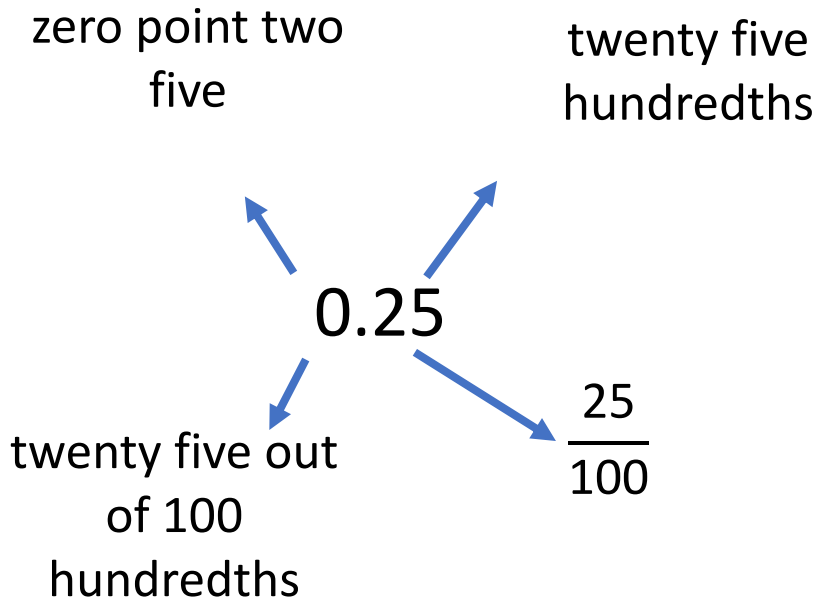
12.  $9.3 - 0.6 = 8.7$

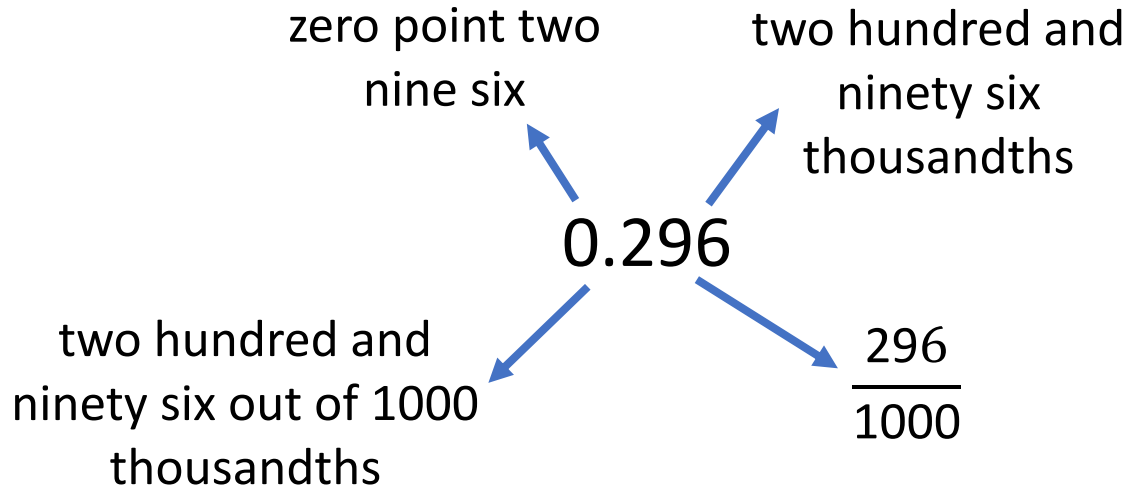
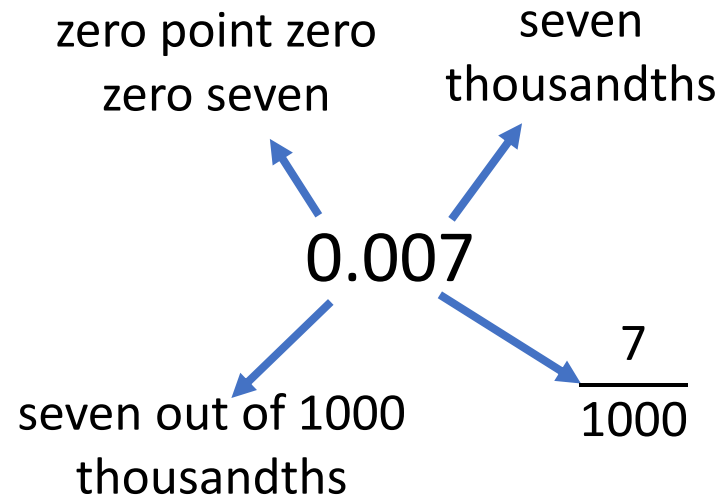
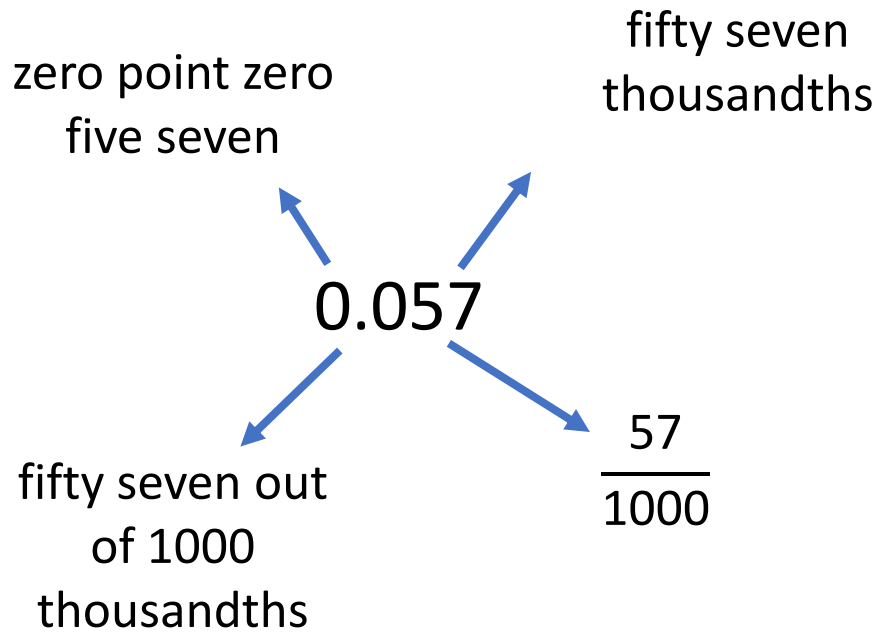
13.  $485 + 17 = 502$

14.  $44 \times 3 = 132$

15.  $7846 + 1000 = 8846$







A

Convert these decimals to fractions and simplify:

- 1) 0.1
- 2) 0.4
- 3) 0.5
- 4) 0.9
- 5) 0.2
  
- 6) 0.25
- 7) 0.75
- 8) 0.66
- 9) 0.33
- 10) 0.45
  
- 11) 0.125
- 12) 0.634
- 13) 0.333
- 14) 0.562
- 15) 0.255

B

Convert these decimals to fractions and simplify:

- 1) 0.3
- 2) 0.6
- 3) 0.7
- 4) 0.8
- 5) 0.9
  
- 6) 0.98
- 7) 0.81
- 8) 0.19
- 9) 0.09
- 10) 0.02
  
- 11) 0.562
- 12) 0.255
- 13) 0.309
- 14) 0.023
- 15) 0.057

C

Work out these calculations, giving your answer as a fraction (simplified):

- 1)  $0.392 + 0.04$
- 2)  $0.79 + 0.035$
- 3)  $0.224 + 0.28$
- 4)  $0.903 + 0.01$
- 5)  $0.154 + 0.539$
- 6)  $3.839 + 2.193$
- 7)  $9.82 + 4.037$

Work out these calculations, giving your answer as a decimal:

- 8)  $\frac{43}{100} + 0.209$
  
- 9)  $\frac{1}{4} + 0.277$
  
- 10)  $\frac{187}{1000} + 0.65$
  
- 11)  $\frac{3}{4} - 0.075$
  
- 12)  $\frac{1}{2} - 0.125$