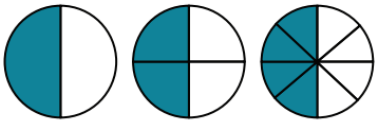


### Fractions

Use the diagrams to help you fill in the missing numbers for these equivalent fractions.

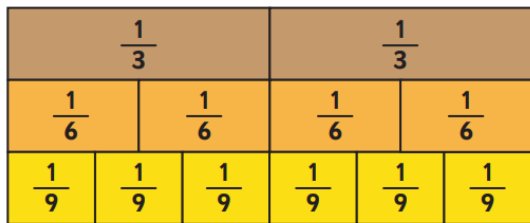


$$\frac{1}{2} = \frac{\square}{8} \quad \frac{1}{2} = \frac{\square}{4} \quad \frac{2}{4} = \frac{\square}{8}$$

$$\frac{1}{3} = \frac{\square}{9}$$

$$\frac{2}{3} = \frac{\square}{6}$$

$$\frac{\square}{3} = \frac{6}{9}$$



### Reasoning

Shen is wanting to use mental strategies to calculate  $80,400 + 11,000$ .

How would you tell him to solve it?



**Remember** to also have a go at TTRS.  
Forgotten your login? Let me know!

### Addition and Subtraction

1. Work out the additions mentally:

a)  $800,000 - 500,000 =$

b)  $508,040 - 204,020 =$

c)  $9,432 - 999 =$

d)  $109,432 + 9,999 =$

e)  $8,705 - 998 =$

2. Circle the odd one out:

$10,400 + 20,350$

$100,800 - 70,050$

$101,000 - 70,250$

$105,000 - 75,250$

### Multiplication

$7 \times 8 =$

$6 \times 7 =$

$8 \times 7 =$

$7 \times 6 =$

$4 \times 6 =$

$12 \times 11 =$

$6 \times 4 =$

$11 \times 12 =$

$9 \times 8 =$

$1 \times 4 =$

$8 \times 9 =$

$5 \times 0 =$

$99 \div 11 =$

$99 \div 9 =$

$24 \div 3 =$

$96 \div 12 =$

$24 \div 2 =$

$12 \div 12 =$

### Time

Write these times in a 24-hour clock format.

a)  5 p.m.

c)  09:15 a.m.

b)  7.30 p.m.

d)  03:25 p.m.