

**Write a complete mathematical justification****1**

Find the number that balances the equation

$$4 + 9 = 8 + ? + 3$$

A 30	B 3	C 2
D 0	E 5	F 4

2

Find the number that balances the equation

$$20 - 9 + 29 = 27 + ?$$

A 2	B 17	C 16
D 14	E 0	F 13

3

Find the number that balances the equation

$$14 \times 2 = ? \times 3$$

A 6	B 1	C 5
D 3	E 8	F 4

4

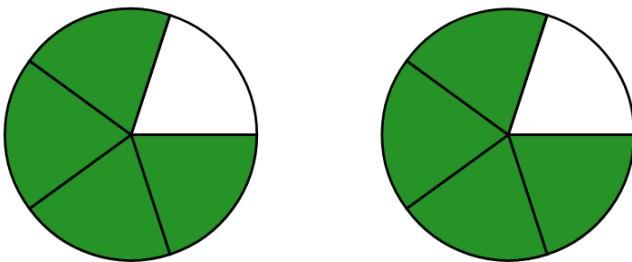
Divide these numbers and find the remainder if any

$$13 \div 8$$

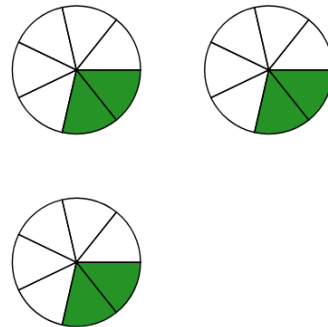
A 5 remainder 0	B 2 remainder 3
C 1 remainder 5	D 3 remainder 7
E 1 remainder 4	F 3 remainder 3

5

Find the multiplication equation that represents this picture



A $2 \cdot \frac{4}{6}$	B $2 \cdot \frac{2}{5}$
C $2 \times \frac{4}{5}$	D $3 \times \frac{4}{5}$

6What is the result of multiplying $\frac{2}{7}$ by 3? Don't simplify the answer

A $\frac{5}{7}$	B $\frac{2}{21}$
C $\frac{5}{8}$	D $\frac{6}{7}$
E 5	

**Write a complete mathematical justification****7**

Set up this fraction addition problem correctly

$$\frac{4}{11} + \frac{3}{7}$$

A

$$\frac{35}{77} + \frac{33}{77}$$

B

$$\frac{28}{77} + \frac{33}{77}$$

C

$$\frac{4}{7} + \frac{3}{7}$$

8

Set up this fraction addition problem correctly

$$1\frac{2}{3} + \frac{1}{9}$$

A

$$1\frac{6}{9} + \frac{1}{9}$$

B

$$1\frac{2}{9} + \frac{1}{9}$$

C

$$2 + \frac{1}{9}$$

9

Set up this fraction subtraction problem correctly

$$1\frac{1}{5} - \frac{1}{10}$$

A

$$\frac{12}{10} - \frac{2}{10}$$

B

$$\frac{11}{10} - \frac{1}{10}$$

C

$$\frac{12}{10} - \frac{1}{10}$$

10

Complete the equivalent fraction by finding the missing denominator

$$\frac{4}{174} = \frac{16}{?}$$

A

698

B

696

C

691

D

700

E

699

F

692

11

10, 17, 3, 18, 12

A

$$3 \underline{10} 12 17 18$$

$$one \ 10$$

B

$$\underline{3} 10 12 17 \underline{18}$$

$$18 - 3$$

C

$$\frac{10 + 17 + 3 + 18 + 12}{5}$$