**Solve non-routine multi-step problems****1** Solve for the missing value

$$? - 6 - 4 = 4$$

A 18	B 16	C 15
D 13	E 14	F 9

2 Solve for the missing value

$$83 - 45 - ? = 24$$

A 13	B 14	C 5
D 6	E 20	F 4

3 Solve for the missing value

$$? - 20 - 10 - 13 = 24$$

A 67	B 57	C 51
D 83	E 61	F 85

4 Solve for the missing value

$$186 + 136 + ? + 400 = 853$$

A 123	B 151	C 111
D 131	E 115	F 139

5 Solve for the missing value

$$584 - ? - 158 = 141$$

A 330	B 195	C 258
D 285	E 348	F 267

6 Solve for the missing value

$$? - 121 - 161 - 138 = 575$$

A 995	B 962	C 1,160
D 1,061	E 1,028	F 830

7 Find the right equation to represent this problem:

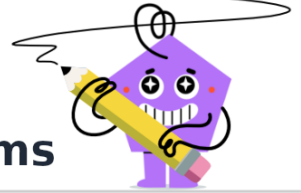
Each koala eats 7 apples. There are 9 koalas. Each apple weighs 11 grams. How many apples are eaten in total?

A 11×7	B 9×7
C $9 - 7$	D 9×27
E 11×9	F 11×9

8 Solve this problem:

A koala eats 72 grams of apples. Each apple weighs 9 grams. How many apples were eaten?

A 90	B -72	C 0
D -9	E 8	F 1

**Solve non-routine multi-step problems**

- 9** Which equations represent what these meals cost

$$4 \text{ cookies} = \text{check } 12$$

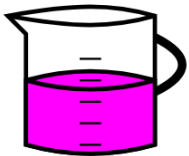
$$1 \text{ cookie} = \text{check } ?$$

- 10** Find the fraction that makes this equation correct

$$\frac{4}{7} + \underline{\quad} = 2$$

A	1	B	$\frac{6}{7}$	C	$\frac{2}{5}$
D	$2\frac{1}{2}$	E	$1\frac{3}{7}$	F	4

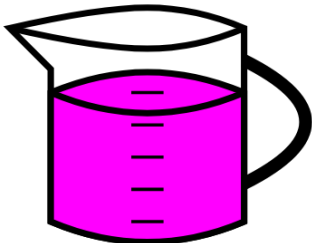
- 11** This paint color needs $\frac{1}{4}$ cup of blue for every $\frac{1}{2}$ cup of magenta.
How many cups of blue is needed if you have $\frac{2}{3}$ cup of magenta



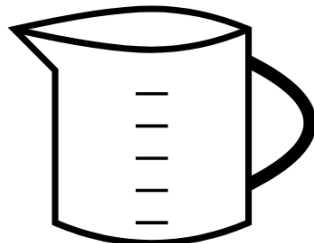
$\frac{1}{2}$ cup



$\frac{1}{4}$ cup



$\frac{2}{3}$ cup



? cup

A	3cup
B	$\frac{1}{2}$ cup
C	$\frac{1}{12}$ cup
D	$\frac{1}{3}$ cup