#1

How many degrees Fahrenheit (°F) is 45°C? Use the formula below.

$$F = \frac{9}{5} \times C + 32$$

- ○ 99°F
- ○ 131°F
- ○ 113°F
- ○ 126°F

Show your work

#2

How many degrees Fahrenheit (°F) is -25°C? Use the formula below.

$$F = \frac{9}{5} \times C + 32$$

- ○ −13°F
- ○ −12°F
- ○ −15°F
- ○ −14°F

Show your work

#3

Convert the temperature from degrees Celsius to degrees Fahrenheit, using the formula below.

$$F = \frac{9}{5} \times C + 32$$

$$75\,^\circ C = \square\,^\circ F$$

Show your work

#4

How many degrees Celcius (°C) is -31°F? Use the formula below.

$$C = \frac{5}{9} \times (F - 32)$$

- ○ $-35^\circ C$
- ○ $-41^\circ C$
- ○ $-38^\circ C$
- ○ $-29^\circ C$

Show your work

#5

How many degrees Celcius (°C) is 167°F? Use the formula below.

$$C = \frac{5}{9} \times (F - 32)$$

- ○ $75^\circ C$
- ○ $59^\circ C$
- ○ $80^\circ C$
- ○ $91^\circ C$

Show your work

#6

Convert the temperature from degrees Fahrenheit to degrees Celsius, using the formula below.

$$C = \frac{5}{9} \times (F - 32)$$

$$176^\circ F = \square^\circ C$$

Show your work

#7

Convert the temperature from degrees Fahrenheit to degrees Celsius, using the formula below.

$$C = \frac{5}{9} \times (F - 32)$$

$$86^\circ F = \square^\circ C$$

Show your work

#8

How many degrees Fahrenheit (°F) is -40°C? Use the formula below.

$$F = \frac{9}{5} \times C + 32$$

- ○ $-51^\circ F$
- ○ $-46^\circ F$
- ○ $-33^\circ F$
- ○ $-40^\circ F$

Show your work

#9

How many degrees Celcius (°C) is 185°F? Use the formula below.

$$C = \frac{5}{9} \times (F - 32)$$

- ○ $103^\circ C$
- ○ $85^\circ C$
- ○ $64^\circ C$
- ○ $96^\circ C$

Show your work

#10

Convert the temperature from degrees Celsius to degrees Fahrenheit, using the formula below.

$$F = \frac{9}{5} \times C + 32$$

$$-30^\circ C = \square^\circ F$$

Show your work

#11

How many degrees Celcius (°C) is 176°F? Use the formula below.

$$C = \frac{5}{9} \times (F - 32)$$

- ○ 80°C
- ○ 69°C
- ○ 67°C
- ○ 94°C

Show your work

#12

How many degrees Celcius (°C) is 86°F? Use the formula below.

$$C = \frac{5}{9} \times (F - 32)$$

- ○ 34°C
- ○ 24°C
- ○ 30°C
- ○ 21°C

Show your work

Question	Answer
#1	choice 3
#2	choice 1
#3	167
#4	choice 1
#5	choice 1
#6	80
#7	30
#8	choice 4
#9	choice 2
#10	-22
#11	choice 1
#12	choice 3