1 What is the value of this factorial expression?

$$\frac{1}{2! \cdot 3!}$$

A $\dfrac{1}{2}$ B $\dfrac{1}{6}$ C 1

D $\dfrac{1}{48}$ E $\dfrac{1}{12}$

2 What is the value of this factorial expression?

$$\frac{1}{3! \cdot 3!}$$

A 1 B 6 C $\dfrac{1}{36}$

D $\dfrac{2}{3}$ E $\dfrac{1}{12}$

3 What is the value of this factorial expression?

$$\frac{1}{5! \cdot 2!}$$

A $\dfrac{1}{120}$ B 120 C $\dfrac{1}{6}$

D $\dfrac{1}{240}$

4 What is the value of this factorial expression?

$$\frac{1}{2! \cdot 4!}$$

A $\dfrac{1}{12}$ B 1 C $\dfrac{1}{48}$

D $\dfrac{5}{2}$ E 60

5 What is the value of this factorial expression?

$$\frac{1}{3! \cdot 4!}$$

A 1 B $\dfrac{1}{144}$ C 144

D $\dfrac{5}{3}$

6 What is the value of this factorial expression?

$$\frac{1}{2! \cdot 2!}$$

A $\dfrac{1}{2}$ B 1 C $\dfrac{1}{4}$

D 24

7 What is the value of this factorial expression?

$$\frac{1}{4! \cdot 3!}$$

A 1 B $\dfrac{5}{3}$ C $\dfrac{1}{144}$

D $\dfrac{5}{6}$

8 What is the value of this factorial expression?

$$\frac{1}{4! \cdot 2!}$$

A $\dfrac{1}{12}$ B $\dfrac{5}{2}$ C $\dfrac{1}{144}$

D $\dfrac{1}{48}$ E $\dfrac{1}{2}$