



Math worksheet on 'Factorials - To Value (Level 2)'.  
broader unit on 'Probability and Statistics - Binomial Practice'

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**1** Select the correct equivalent to this factorial

**3!**

|                |                           |               |
|----------------|---------------------------|---------------|
| <b>a</b><br>1  | <b>b</b><br>$\frac{1}{2}$ | <b>c</b><br>6 |
| <b>d</b><br>60 |                           |               |

**2** Select the correct equivalent to this factorial

**$\frac{1}{5!}$**

|                             |                             |                 |
|-----------------------------|-----------------------------|-----------------|
| <b>a</b><br>$\frac{1}{12}$  | <b>b</b><br>$\frac{1}{720}$ | <b>c</b><br>840 |
| <b>d</b><br>$\frac{1}{120}$ |                             |                 |

**3** Select the correct equivalent to this factorial

**$\frac{1}{4!}$**

|                            |                            |               |
|----------------------------|----------------------------|---------------|
| <b>a</b><br>$\frac{1}{24}$ | <b>b</b><br>$\frac{1}{60}$ | <b>c</b><br>2 |
| <b>d</b><br>120            | <b>e</b><br>$\frac{1}{6}$  |               |

**4** Select the correct equivalent to this factorial

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

|                           |               |               |
|---------------------------|---------------|---------------|
| <b>a</b><br>$\frac{1}{2}$ | <b>b</b><br>2 | <b>c</b><br>1 |
| <b>d</b><br>4             |               |               |

**5** Select the correct equivalent to this factorial

**5!**

|                 |                           |                  |
|-----------------|---------------------------|------------------|
| <b>a</b><br>6   | <b>b</b><br>$\frac{1}{6}$ | <b>c</b><br>2520 |
| <b>d</b><br>120 | <b>e</b><br>24            |                  |

**6** Select the correct equivalent to this factorial

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

|                           |                           |                            |
|---------------------------|---------------------------|----------------------------|
| <b>a</b><br>$\frac{1}{4}$ | <b>b</b><br>$\frac{1}{6}$ | <b>c</b><br>$\frac{1}{12}$ |
| <b>d</b><br>$\frac{1}{3}$ | <b>e</b><br>1             |                            |