

Samples Wheels Rotation SOLUTIONS

- 1.** The highest common factor of 32, 24 and 18 is 2. This means that in $\frac{1}{2}$ of a minute (that is, in 30 seconds) the wheels will all come back together to their starting positions.
- 2.** The highest common factor of 3 and 48 is 3. This means that in $\frac{1}{3}$ of a minute (that is, in 20 seconds) the wheels will all come back together to their starting positions.
- 3.** The highest common factor of 18, 59 and 56 is 1. This means that in 1 minute (that is, in 60 seconds) the wheels will all come back together to their starting positions.