1) Express the shaded portion as a decimal of the whole.

2) Express the un-shaded portion as a decimal of the whole.

3) Express the un-shaded portion as a decimal of the whole.

4) Express the shaded portion as a fraction of the whole with a 100 as the denominator.

5) Express the un-shaded portion as a fraction of the whole with a 100 as the denominator.

6) Express the shaded portion as a decimal of the whole.

7) Express the shaded portion as a decimal of the whole.

8) Express the shaded portion as a fraction of the whole with a 100 as the denominator.
### Solve each problem.

1. Express the shaded portion as a decimal of the whole.

   ![Shaded Wheel](image1)

2. Express the un-shaded portion as a decimal of the whole.

   ![Un-shaded Wheel](image2)

3. Express the un-shaded portion as a decimal of the whole.

   ![Un-shaded Wheel](image3)

4. Express the shaded portion as a fraction of the whole with a 100 as the denominator.

   ![Shaded Wheel](image4)

5. Express the un-shaded portion as a fraction of the whole with a 100 as the denominator.

   ![Un-shaded Wheel](image5)

6. Express the shaded portion as a decimal of the whole.

   ![Shaded Wheel](image6)

7. Express the shaded portion as a decimal of the whole.

   ![Shaded Wheel](image7)

8. Express the shaded portion as a fraction of the whole with a 100 as the denominator.

   ![Shaded Wheel](image8)

### Answers

1. 0.40
2. 0.15
3. 0.10
4. \(\frac{5}{100}\)
5. \(\frac{40}{100}\)
6. 0.60
7. 0.45
8. \(\frac{35}{100}\)