Lesson: Separating Mixture	Name:
Teacher:	Date:

Separating a Mixture Using Sieving and Magnetism Worksheet

Multiple Choice Questions (Choose the correct answer)

1. Which material in the mixture can be separated using a magnet?
   a. Sand
   b. Small stones
   c. Iron filings
   d. Water
2. What separation technique is used to remove iron filings from a mixture?
   a. Sieving
   b. Magnetism
   c. Filtration
   d. Evaporation
3. After removing the iron filings, which material can be separated using a sieve?
   a. Iron filings
   b. Water
   c. Small stones
   d. None of the above
4. Why does sand fall through the sieve while small stones remain?
   a. Sand is magnetic
   b. It is smaller in size
   c. Sand is heavier
   d. Small stones dissolve in water
5. What is the separation method called when we use a sieve?
   a. Magnetism
   b. Sieving
   c. Distillation
   d. Decanting
6. Why do iron filings stick to the magnet?
   a. Because they are small
   b. They stick to the magnet
   c. They are lighter than sand
   d. Because they are non-metallic
7. What is a mixture?
   a. A pure substance
   b. A combination of materials that can be physically separated

c. A chemical reaction
d. Water

8. Why can sand and small stones be separated using a sieve?
   a. They are both magnetic
   b. Because they have different sizes
   c. Because they dissolve in water
   d. Because they react chemically
9. Which component of the mixture is magnetic?
   a. Sand
   b. Small stones
   c. Iron filings
   d. None of the above
10. What property allows magnetism to separate iron filings from the mixture?
    a. Color
    b. It attracts materials that have magnetic properties
    c. Size
    d. Shape

Answer Key

1. c. Iron filings
2. b. Magnetism
3. c. Small stones
4. b. It is smaller in size
5. b. Sieving
6. b. They stick to the magnet
7. b. A combination of materials that can be physically separated
8. b. Because they have different sizes
9. c. Iron filings
10. b. It attracts materials that have magnetic properties