

Separating salt, sand and iron filings

2. Mass of salt, sand, iron filing mixture + beaker = _____ g

1. Mass of beaker = _____ g

A Mass of salt, sand, iron filing mixture = _____ g

4. Mass of iron filings + paper sheet = _____ g

3. Mass of paper sheet = _____ g

B **Mass of iron filings** = _____ g

7. Mass of washed and dried filter paper + sand = _____ g

5. Mass of dry filter paper = _____ g

C **Mass of sand** = _____ g

7. Mass of evaporating basin + salt crystals = _____ g

6. Mass of evaporating basin = _____ g

D **Mass of salt crystals** = _____ g

How much was recovered?

Mass of iron filings + Mass of sand + Mass of salt

= **A** _____ g + **B** _____ g + **C** _____ g

= **E** _____ g

Percentage:

$\frac{\text{E}}{\text{D}} \times 100 = \text{_____ \%}$