

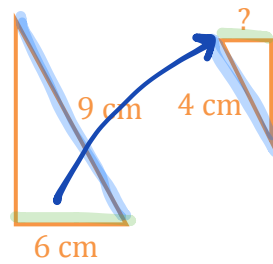
Scale Factor Song
(to the tune of *Three Blind Mice*)



Scale Factor
Scale Factor
We use it to shrink.
We use it to stretch.
To make things bigger it's more than one.
To make things smaller it's less than one.
To find the area square it, it's FUN!!
Scale Factor
Scale Factor

Flow Map: Finding and Using Scale Factor

Example



$$4 \div 9 = .\overline{44}$$
$$9 \div 4 = 2.25$$

BIG \rightarrow Small so
SF = .44

6 cm

$$.44 * 6 = 2.64 \text{ cm}$$

Identify two

Corresponding sides.

Divide Side lengths

Pick correct SF:

- more than 1: small shape to BIG shape
- less than 1: BIG shape to small shape

Identify the side length that corresponds to the missing side.

Multiply that side length by the SF.