Smaller units for accuracy

6 practice questions

1. One large block equals 2 small blocks. How many small blocks match 3 large blocks?

2 + 2 + 2 = 6.

Answer: 6 small blocks.

2. One large scoop holds 2 small scoops. How many small scoops fill 4 large scoops?

2 + 2 + 2 + 2 = 8.

Answer: 8 small scoops.

3. One large tile equals 2 small tiles. A strip is 3 large tiles and 1 small tile long. Find its length in small tiles.

Three large tiles make 6 small tiles.

6 + 1 = 7.

Answer: 7 small tiles.

4. One large tile equals 2 small tiles. How many large tiles match 8 small tiles?

Make four pairs.

Answer: 4 large tiles.

5. A book ends between the fourth and fifth large tile. Which may give a closer measure: smaller equal tiles or larger tiles?

Smaller units can fit the last part more closely.

Answer: Smaller equal tiles.

6. Sam records 4 large clips. Ali records 8 small clips for the same ribbon. Could both be right? Explain.

Different-sized units can give different counts for one length.

Answer: Yes, if each large clip equals 2 small clips.