

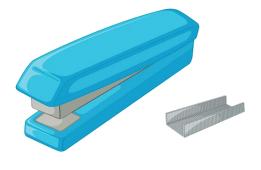
Mass & weight word problems (metric units)

Grade 4 Word Problems Worksheet

1.	One pencil crayon weighs 9 g. What is the weight of a box of 8
	pencil crayons?

2. 8 pieces of cardboard weigh 48 g. What is the weight of 1 piece of cardboard?

3. A glue stick weighs 57 grams, and a stapler weighs 126 grams heavier than the glue stick. What is the weight of a stapler?





4.	Ashley's backpack weighs 2.2 kg and Jack's backpack weighs
	2,405 g. Whose backpack is lighter?

5. What is the difference in the weight of Ashley's and Jack's backpacks?

6. The weight of a chapter book is 400 grams. The weight of a dictionary is 1.8 kg. Are four-chapter books heavier than a dictionary?



Answers

- 1. $9 \times 8 = 72$ The weight of a box of pencil crayons is 72 g.
- 2. $48 \div 8 = 6$ The weight of 1 piece of cardboard is 6 g.
- 3. 57 + 126 = 183The weight of a stapler weighs 183 g.
- 4. 2.2 kg = 2200 g2200 < 2405Ashley's backpack is lighter.
- 5. 2405 g 2200 g = 205 gThe difference in the weight of Ashley's and Jack's backpacks is 205 g.
- 6. 400 g x 4 = 1600 g = 1.6 kgFour-chapter books are not heavier than a dictionary.