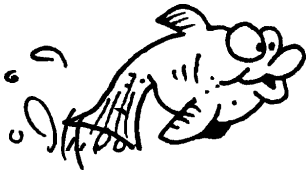


# What Do Salmon and Cod Use When They Go to War?

Choose the correct answer for each exercise. Find the letter of the answer in the string of letters near the bottom of the page and CROSS IT OUT each time it appears. When you finish, write the remaining letters in the rectangle at the bottom of the page. The table below may help you.



Unit	Approximate Size
1 milligram (mg)	mass (weight) of a grain of sand
1 gram (g)	mass (weight) of a paperclip
1 kilogram (kg)	mass (weight) of a math textbook



I. Choose the more reasonable estimate of weight.

- |                                |   |                                       |
|--------------------------------|---|---------------------------------------|
| ① a nickel<br>Ⓜ 5 g    Ⓝ 5 kg  | ② a postage stamp<br>Ⓐ 60 g   Ⓨ 60 mg     | ③ a bowling ball<br>Ⓑ 7 kg    Ⓚ 70 kg |
| ④ a lemon<br>Ⓧ 12 g    Ⓦ 120 g | ⑤ a 12-year-old child<br>Ⓩ 40 kg   Ⓢ 4 kg | ⑥ a postcard<br>Ⓠ 75 g    ⓐ 750 mg    |

II. Complete each statement.

- ⑦ 6.5 g = \_\_\_\_\_ mg
- ⑧ 0.8 g = \_\_\_\_\_ mg
- ⑨ 4,900 mg = \_\_\_\_\_ g
- ⑩ 133 mg = \_\_\_\_\_ g
- ⑪ 7.25 kg = \_\_\_\_\_ g
- ⑫ 60 kg = \_\_\_\_\_ g
- ⑬ 250 g = \_\_\_\_\_ kg
- ⑭ 80,000 g = \_\_\_\_\_ kg

Answers 7 – 14:

- |        |          |
|--------|----------|
| ⓓ 490  | Ⓛ 0.133  |
| Ⓜ 800  | Ⓒ 60,000 |
| Ⓣ 725  | Ⓥ 6,500  |
| Ⓕ 2.5  | Ⓚ 13.3   |
| Ⓟ 4.9  | Ⓤ 7,250  |
| Ⓢ 0.6  | Ⓓ 80     |
| Ⓔ 0.25 | Ⓢ 65     |

III. Solve.

- ⑮ An average orange weighs 270 g. How many kilograms does a bag of 8 oranges weigh?
- ⑯ A vitamin tablet weighs 1.2 g. It contains 150 mg of Vitamin C and 250 mg of B Complex vitamins. How many milligrams of other ingredients are in the tablet?

Answers 15 – 16:

- |        |        |
|--------|--------|
| Ⓣ 1.96 | Ⓞ 800  |
| Ⓕ 920  | Ⓡ 2.16 |

B R Y L F E G O I P M C S O D H W T R B G A L O N Z U K V E S J

Answer to puzzle:

## What Did the Finger Say to the Thumb?

Choose the correct answer for each exercise. Write the letter of the answer in the box containing the number of the exercise. The table below may help you.

Unit	Approximate Size
1 milliliter (mL)	capacity of an eyedropper
1 liter (L)	capacity of a juice carton
1 kiloliter (kL)	capacity of 4 bathtubs

I. Choose the more reasonable estimate of capacity.

- ① a pot for cooking **E** 2 L      ② a tablespoon **C** 15 L      ③ an automobile gas tank **N** 50 L      P 5 kL
- ④ a swimming pool **A** 80 L      ⑤ a drinking glass **O** 25 mL      ⑥ a water cooler jug **H** 20 L      R 2 L

II. Complete each statement.

Answers 7 - 14:

- ⑦ 8.5 L = **8,500** mL      B 25      Y 90
- ⑧ 0.4 L = **400** mL      U 1.750      W 40,000
- ⑨ 90,000 mL = **90** L      O 8,500      F 32
- ⑩ 250 mL = **0.25** L      D 4,000      I 0.75
- ⑪ 1.75 kL = **1,750** L      S 900      R 175
- ⑫ 40 kL = **40,000** L      G 0.25      I 400
- ⑬ 750 L = **0.75** kL      T 3.2      U 7.5
- ⑭ 3,200 L = **3.2** kL

III. Solve.

Answers 15 - 16:

- ⑮ Ms Sparkle bought 12 cans of diet soda. Each can contained 350 mL. How many liters of soda did she buy? **4.2** R 48      V 4.2
- ⑯ Chef Pierre made 6.4 L of creamed carrot soup. If it is served in 200-mL cups, how many cups can be filled? **32** L 32      N 54

I M 5 I N 3 I N 10 16 7 15 1 12 2 14 6 9 4 11  
I'M IN GLOVE WITH YOU

D-11

TOPIC 1-d: Capacity

## What Do Salmon and Cod Use When They Go to War?

Choose the correct answer for each exercise. Find the letter of the answer in the string of letters near the bottom of the page and CROSS IT OUT each time it appears. When you finish, write the remaining letters in the rectangle at the bottom of the page. The table below may help you.

Unit	Approximate Size
1 milligram (mg)	mass (weight) of a grain of sand
1 gram (g)	mass (weight) of a paperclip
1 kilogram (kg)	mass (weight) of a math textbook

I. Choose the more reasonable estimate of weight.

- ① a nickel **M** 5 g      N 5 kg      ② a postage stamp **A** 60 g      Y 60 mg      ③ a bowling ball **B** 7 kg      K 70 kg
- ④ a lemon **X** 12 g      W 120 g      ⑤ a 12-year-old child **Z** 40 kg      I 4 kg      ⑥ a postcard **Q** 75 g      G 750 mg

II. Complete each statement.

Answers 7 - 14:

- ⑦ 6.5 g = **6,500** mg      H 490      L 0.133
- ⑧ 0.8 g = **800** mg      J 800      C 60,000
- ⑨ 4,900 mg = **4.9** g      T 725      V 6,500
- ⑩ 133 mg = **0.133** g      F 2.5      K 13.3
- ⑪ 7.25 kg = **7,250** g      P 4.9      U 7,250
- ⑫ 60 kg = **60,000** g      S 0.6      D 80
- ⑬ 250 g = **0.25** kg      E 0.25      I 65
- ⑭ 80,000 g = **80** kg

III. Solve.

Answers 15 - 16:

- ⑮ An average orange weighs 270 g. How many kilograms does a bag of 8 oranges weigh? **2.16**      T 1.96      O 800
- ⑯ A vitamin tablet weighs 1.2 g. It contains 150 mg of Vitamin C and 250 mg of B Complex vitamins. How many milligrams of other ingredients are in the tablet? **800**      F 920      R 2.16

~~A S L F E B D I P W S Q P H T R B D A K N Z J K V S I~~  
Answer to puzzle: **FISH TANKS**

TOPIC 1-e: Weight

D-12

## Why Did the Ice Skater Tell Jokes While Performing?

Do each exercise and find your answer in the set of answers to the right. Write the letter of the answer in each box containing the number of the exercise. If the answer has a ●, shade in each box containing that exercise number.

I. Complete each statement.

- ① 8.3 kg = **8,300** g      ② 830 mg = **0.83** g      ③ 309      ④ 2.75 g = **2.75** kg      ⑤ 4,000,000 mg = **4** kg      ⑥ 66,000 mL = **66** L      ⑦ 3.09 L = **3,090** mL      ⑧ 0.04 kL = **40,000** mL

II. Solve.

- ⑮ A jar of sweet pickles contains 650 g of pickles. There are 12 jars in a case. How many kilograms of pickles are in a case? **7.8** kg
- ⑯ A costume designer bought 1.4 kg of colorful sequins. She used 250 g of sequins to make a crown and 400 g to make a cape. How many grams of sequins were left? **750** g
- ⑰ A gasoline can was filled with 17.5 L of gasoline. A lawnmower fuel tank that holds 1.4 L has been filled 8 times from the gasoline can. How much gasoline is left in the can? **6.3** L
- ⑱ A large can of frozen orange juice contains 254 mL. To make orange juice, you add 3 full cans of water. How many liters of orange juice does this make? **1.416** L
- ⑳ Mrs. Sippo has 4.6 L of lemonade to serve her son's 20 birthday guests. About how many milliliters should she pour into each glass? **230** mL
- ㉑ ABC Corporation is mailing a report to stockholders. The report includes a cover and 100 sheets of paper. If the cover weighs 0.2 kg and each sheet of paper weighs 5 g, how much does the report weigh? **700** g

D-13

TOPIC 1-f: Review: Capacity and Weight

## TEX BOOKS

K S H T P Q R E W F X V B E D O Y W O N A S E  
14 min 30 s  
1:55  
15 min 26 s  
3 d 15 h  
420  
3 min 28 s  
6 h 28 min  
3  
6 h 15 min  
4 min 40 s  
3,920  
72  
240  
2 d 17 h  
3 min 42 s  
1:20  
12 h 28 min  
9 h 51 min  
310  
12 h 42 min  
14 min 56 s  
9  
4,320  
11 h  
10 h 58 min  
150  
6 h 40 min  
2:15

## What Should You Study to Learn How to be a Cowboy?

Cross out the letter next to each correct answer. When you finish, the answer to the title question will remain.

I. Complete each statement.

- ① 4 h = **240** min      ② 7 min = **420** sec
- ③ 2 h 30 min = **150** min      ④ 5 min 10 sec = **310** sec
- ⑤ 180 min = **3** h      ⑥ 540 sec = **9** min
- ⑦ 80 min = **1** h **20** min      ⑧ 135 sec = **2** min **15** sec
- ⑨ 3 d = **72** h      ⑩ 3 d = **4,320** min

II. Add or subtract. Simplify if possible.

- ⑪ 2 h 30 min + 3 h 45 min = **6 h 15 min**
- ⑫ 5 min 40 s + 8 min 50 s = **14 min 30 s**
- ⑬ 7 h 8 min + 2 h 43 min = **9 h 51 min**
- ⑭ 8 min 10 s - 3 min 30 s = **4 min 40 s**
- ⑮ 12 h 25 min - 5 h 45 min = **6 h 40 min**
- ⑯ 32 min 50 s - 17 min 24 s = **15 min 26 s**
- ⑰ 6 h 47 min + 4 h 13 min = **11 h**
- ⑱ 9 min - 5 min 32 s = **3 min 28 s**
- ⑲ 2 d 11 h - 5 d 11 h = **24 17 h**

III. Solve.

- ⑳ It takes 15 h 20 min to travel from Los Angeles to Salt Lake City by train. It takes only 2 h 38 min to fly between the two cities. How much longer does the train take? **12 h 42 min**

TOPIC 1-g: Time

D-14