

## Comparing weights (metric)

### Grade 4 Measurement Worksheet

Write the larger measurement on the line.  
If they are equal, write “equal”.

#### Metric Units of Weight

1 gram (g) = 1,000 milligrams (mg)

1 kilogram (kg) = 1,000 grams (g)

1. **30 kg** or **3,800 g** \_\_\_\_\_
2. **5,500 mg** or **4 g** \_\_\_\_\_
3. **44 g** or **400 mg** \_\_\_\_\_
4. **11,000 g** or **11 kg** \_\_\_\_\_
5. **20,340 g** or **20 kg** \_\_\_\_\_

Compare the measurements using the symbols  $<$ ,  $>$  or  $=$ .

1. 345 g \_\_\_\_\_ 3,000 mg
2. 5 kg \_\_\_\_\_ 4,300 g
3. 2,912 mg \_\_\_\_\_ 3 g
4. 8,000 mg \_\_\_\_\_ 8 g
5. 56,000 g \_\_\_\_\_ 5 kg
6. 34 g \_\_\_\_\_ 30,000 mg
7. 51 kg \_\_\_\_\_ 5,100 g
8. 38 g \_\_\_\_\_ 30,880 mg
9. 12 kg \_\_\_\_\_ 12,500 g
10. 33 g \_\_\_\_\_ 3,333 mg



## Answers

Write the larger measurement on the line.  
If they are equal, write “equal”.

### Metric Units of Weight

1 gram (g) = 1,000 milligrams (mg)

1 kilogram (kg) = 1,000 grams (g)

- |                                    |                 |
|------------------------------------|-----------------|
| 1. <b>30 kg</b> or <b>3,800 g</b>  | <b>30 kg</b>    |
| 2. <b>5,500 mg</b> or <b>4 g</b>   | <b>5 500 mg</b> |
| 3. <b>44 g</b> or <b>400 mg</b>    | <b>44 g</b>     |
| 4. <b>11,000 g</b> or <b>11 kg</b> | <b>equal</b>    |
| 5. <b>20,340 g</b> or <b>20 kg</b> | <b>20 340 g</b> |

Compare the measurements using the symbols  $<$ ,  $>$  or  $=$ .

- |             |     |          |          |     |           |
|-------------|-----|----------|----------|-----|-----------|
| 1. 345 g    | $>$ | 3,000 mg | 6. 34 g  | $>$ | 30,000 mg |
| 2. 5 kg     | $>$ | 4,300 g  | 7. 51 kg | $>$ | 5,100 g   |
| 3. 2,912 mg | $<$ | 3 g      | 8. 38 g  | $>$ | 30,880 mg |
| 4. 8,000 mg | $=$ | 8 g      | 9. 12 kg | $<$ | 12,500 g  |
| 5. 56,000 g | $>$ | 5 kg     | 10. 33 g | $>$ | 3,333 mg  |

