

## Comparing lengths (mixed units)

### Grade 4 Measurement Worksheet

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

#### Standard Units of Length

1 foot (ft) = 12 inches (in)

1 yard (yd) = 3 feet (ft)

1 yard (yd) = 36 inches (in)

#### Metric Units of Length

1 cm = 10 mm

1 m = 100 cm

1 km = 1,000 m

1. **25 m** or **2,500 cm**
2. **40 ft** or **450 in**
3. **14 yd** or **42 ft**
4. **100 in** or **7 ft**
5. **27 cm** or **2,700 mm**

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

- |          |       |        |            |       |          |
|----------|-------|--------|------------|-------|----------|
| 1. 30 ft | _____ | 300 in | 6. 5,400 m | _____ | 5 km     |
| 2. 47 cm | _____ | 470 mm | 7. 108 in  | _____ | 10 ft    |
| 3. 10 yd | _____ | 12 ft  | 8. 500 m   | _____ | 5,000 cm |
| 4. 3 km  | _____ | 300 m  | 9. 22 ft   | _____ | 10 yd    |
| 5. 36 in | _____ | 2 yd   | 10. 88 m   | _____ | 880 mm   |



## Answers

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

### Standard Units of Length

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### Metric Units of Length

1 cm = 10 mm

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|------------------------------------|-----------------|
| 1. <b>25 m</b> or <b>2,500 cm</b>  | <b>Equal</b>    |
| 2. <b>40 ft</b> or <b>450 in</b>   | <b>40 ft</b>    |
| 3. <b>14 yd</b> or <b>42 ft</b>    | <b>Equal</b>    |
| 4. <b>100 in</b> or <b>7 ft</b>    | <b>100 in</b>   |
| 5. <b>27 cm</b> or <b>2,700 mm</b> | <b>2,700 mm</b> |

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

- |          |     |        |            |     |          |
|----------|-----|--------|------------|-----|----------|
| 1. 30 ft | $>$ | 300 in | 6. 5,400 m | $>$ | 5 km     |
| 2. 47 cm | $=$ | 470 mm | 7. 108 in  | $<$ | 10 ft    |
| 3. 10 yd | $>$ | 12 ft  | 8. 500 m   | $>$ | 5,000 cm |
| 4. 3 km  | $>$ | 300 m  | 9. 22 ft   | $<$ | 10 yd    |
| 5. 36 in | $<$ | 2 yd   | 10. 88 m   | $>$ | 880 mm   |

