

Kilograms and Kilometres

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1a. Check each of the conversions and correct any that are wrong.

$$9\text{km} = 900\text{m} \quad 20,000\text{g} = 20\text{kg}$$

$$3,000\text{g} = 30\text{kg} \quad 8.0\text{kg} = 8,000\text{g}$$



VF

1b. Check each of the conversions and correct any that are wrong.

$$4,000\text{m} = 40\text{km} \quad 1,000\text{g} = 1\text{kg}$$

$$6.0\text{kg} = 6,000\text{g} \quad 8\text{kg} = 8,000\text{g}$$



VF

2a. Complete the table:

| | True or false? |
|------------------------------|----------------|
| $3\text{kg} < 2,000\text{g}$ | |
| $2\text{kg} < 4,000\text{g}$ | |
| $4\text{km} = 4,000\text{m}$ | |
| $8,000\text{m} > 7\text{km}$ | |



VF

2b. Complete the table:

| | True or false? |
|-------------------------------|----------------|
| $7,000\text{g} > 7\text{kg}$ | |
| $3\text{km} = 30,000\text{m}$ | |
| $9\text{km} > 900\text{m}$ | |
| $6,000\text{m} > 6\text{km}$ | |



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3a. Select a number from the box to make these statements correct.

$$3\text{kg} < \underline{\hspace{2cm}} \quad \underline{\hspace{2cm}} > 2\text{kg}$$

$$80\text{km} = \underline{\hspace{2cm}} \quad 4,000\text{m} > \underline{\hspace{2cm}}$$

| | | | |
|-------|--------|-------|---|
| 4,000 | 80,000 | 3,000 | 2 |
|-------|--------|-------|---|

Include the correct unit of measurement.



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3b. Select a number from the box to make these statements correct.

$$4\text{kg} > \underline{\hspace{2cm}} \quad \underline{\hspace{2cm}} = 90,000\text{g}$$

$$8,000\text{m} > \underline{\hspace{2cm}} \quad 6\text{km} < \underline{\hspace{2cm}}$$

| | | | |
|-------|---|-------|----|
| 2,000 | 6 | 7,000 | 90 |
|-------|---|-------|----|

Include the correct unit of measurement.



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4a. Jessica swims for 3km and runs for 5km.

How many metres does she complete altogether?



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4b. Louis mixes 2,000g of flour and 1,000g of sugar in a bowl.

How much does the sugar and flour weigh altogether in kilograms?



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5a. Check each of the conversions and correct any that are wrong.

$$3,000\text{m} = 3.0\text{km} \quad 700\text{m} = 7.0\text{km}$$

$$1.5\text{km} = 1,500\text{m} \quad 2.7\text{kg} = 27,000\text{g}$$

$$3,300\text{g} = 3.3\text{kg} \quad 1,100\text{g} = 1.1\text{kg}$$



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6a. Complete the table:

| | True or false? |
|-------------------------------|----------------|
| $3\text{kg} > 2,500\text{g}$ | |
| $27\text{kg} > 2,070\text{g}$ | |
| $4.2\text{km} = 420\text{m}$ | |
| $420\text{m} > 4.2\text{km}$ | |



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6b. Complete the table:

| | True or false? |
|--------------------------------|----------------|
| $7,000\text{g} > 6.5\text{kg}$ | |
| $3\text{km} = 30,000\text{m}$ | |
| $9\text{km} > 900\text{m}$ | |
| $6,000\text{m} > 6.1\text{km}$ | |

7a. Select a number from the box to make these statements correct.

$$3.5\text{kg} < \underline{\hspace{2cm}} \quad \underline{\hspace{2cm}} > 27\text{kg}$$

$$9.8\text{km} > \underline{\hspace{2cm}} \quad 4,200\text{m} = \underline{\hspace{2cm}}$$

| | | | |
|-----|-------|-------|--------|
| 4.2 | 9,700 | 5,500 | 31,000 |
|-----|-------|-------|--------|

Include the correct unit of measurement.



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8a. If Miles uses $\frac{3}{10}$ of a 1kg bag of flour.

How many grams are left in the bag?



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7b. Select a number from the box to make these statements correct.

$$3.4\text{kg} > \underline{\hspace{2cm}} \quad \underline{\hspace{2cm}} = 9,900\text{g}$$

$$800\text{m} > \underline{\hspace{2cm}} \quad 6.7\text{km} < \underline{\hspace{2cm}}$$

| | | | |
|-----|-------|-----|-------|
| 0.6 | 7,600 | 9.9 | 3,300 |
|-----|-------|-----|-------|

Include the correct unit of measurement.



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8b. Harvey travels $\frac{3}{10}$ km by bike. He then walks 5km.

How many metres does he travel?

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9a. Check each of the conversions and correct any that are wrong.

$$3,500\text{m} = 3.05\text{km} \quad 560\text{m} = 0.56\text{km}$$

$$1.76\text{km} = 1,760\text{m} \quad 0.43\text{kg} = 4,300\text{g}$$

$$5,510\text{g} = 5.51\text{kg} \quad 12,060\text{g} = 12.06\text{kg}$$



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9b. Check each of the conversions and correct any that are wrong.

$$7.03\text{kg} = 7,030\text{g} \quad 120\text{m} = 0.12\text{km}$$

$$4,970\text{m} = 49.7\text{km} \quad 0.23\text{kg} = 230\text{g}$$

$$30,300\text{m} = 33\text{km} \quad 3,210\text{m} = 3.21\text{km}$$



VF

10a. Complete the table:

| | True or false? |
|-----------------------------------|----------------|
| $3.54\text{kg} < 3,450\text{g}$ | |
| $27.64\text{kg} < 26,740\text{g}$ | |
| $3.02\text{km} = 3,020\text{m}$ | |
| $4,230\text{m} < 4.32\text{km}$ | |



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10b. Complete the table:

| | True or false? |
|---------------------------------|----------------|
| $9.01\text{km} < 9,100\text{m}$ | |
| $0.38\text{km} = 3,800\text{m}$ | |
| $3.13\text{kg} < 3,140\text{g}$ | |
| $3,410\text{g} < 3.43\text{kg}$ | |



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11a. Select a number from the box to make these statements correct.

$$6.78\text{kg} < \underline{\hspace{2cm}} \quad \underline{\hspace{2cm}} > 2.73\text{kg}$$

$$9,800\text{m} > \underline{\hspace{2cm}} \quad 260\text{m} = \underline{\hspace{2cm}}$$

| | | | |
|-------|------|------|-------|
| 7,430 | 8.08 | 0.26 | 9,850 |
|-------|------|------|-------|

Include the correct unit of measurement.



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11b. Select a number from the box to make these statements correct.

$$4.42\text{km} > \underline{\hspace{2cm}} \quad \underline{\hspace{2cm}} = 950\text{m}$$

$$720\text{g} > \underline{\hspace{2cm}} \quad 2.37\text{kg} < \underline{\hspace{2cm}}$$

| | | | |
|-------|------|------|-------|
| 5,670 | 0.71 | 0.95 | 3,320 |
|-------|------|------|-------|

Include the correct unit of measurement.



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12a. Grace throws a ball 100m and it rolls for a further 10m.

How far does the ball travel in kilometres?



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12b. Suha has $3\frac{7}{10}$ kg of rice.

How many grams of rice does she have?



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