## Mobius Math Club

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Math worksheet on 'Ratios - Unit Rates, Solve for Denominator (Level 1)'. Part of a broader unit on 'Rates and Ratios - Practice'

Learn online: app.mobius.academy/math/units/rates and ratios practice/

| 1                                       | Wha | at is the tota<br>scen | al weig<br>ario? | ht in this |
|---|-----|------------------------|------------------|------------|
| unit price: 3 \$/kg<br>total cost: 6 \$ | a   | 0.5 kg                 | b                | 2 kg       |
|   | C   | 3 kg                   | d                | 1.75 kg    |
|   |     |                        |                  |            |

| 2                                     | What is the total hours in this scenario? |          |   |          |  |
|---------------------------------------|---|----------|---|----------|--|
| wage: 2 \$/hr<br>total earnings: 4 \$ | а   | 2 hrs    | b | 3.5 hrs  |  |
|                                       | C   | 3.25 hrs | d | 3.75 hrs |  |
|                                       |   |          |   |          |  |

| 3                                       | Wł | nat is the tota<br>scena |   | s in this |
|---|----|--------------------------|---|-----------|
| wage: 0.5 \$/hr<br>total earnings: 4 \$ | а  | 9.25 hrs                 | b | 9.5 hrs   |
|   | C  | 7.75 hrs                 | d | 8 hrs     |
|   |    |                          |   |           |

| 4   | What is the total weight in this scenario? |        |   |         |  |  |
|---|--|--------|---|---------|--|--|
| unit price: 0.5 \$/kg<br>total cost: 2 \$ | a  | 4.5 kg | b | 2 kg    |  |  |
|   | C  | 4 kg   | d | 2.25 kg |  |  |
|   |  |        |   |         |  |  |

| 5                                       | What is the total hours in this scenario? |          |   |          |  |
|---|---|----------|---|----------|--|
| wage: 2.5 \$/hr<br>total earnings: 5 \$ | a   | 2 hrs    | b | 0.5 hrs  |  |
|   | C   | 1.25 hrs | d | 2.25 hrs |  |
|   |   |          |   |          |  |

| 6   |   |        |   |         |  |
|---|---|--------|---|---------|--|
|   | What is the total weight in the scenario? |        |   |         |  |
| unit price: 1.5 \$/kg<br>total cost: 3 \$ | a   | 3.5 kg | b | 2 kg    |  |
|   | C   | 2.5 kg | d | 2.25 kg |  |
|   |   |        |   |         |  |

| 7                                       | Wh | nat is the tota<br>scena |   | s in this |
|---|----|--------------------------|---|-----------|
| total earnings: 3 \$<br>wage: 1.5 \$/hr | a  | 2.25 hrs                 | b | 2 hrs     |
|   | C  | 1.25 hrs                 | d | 1 hrs     |
|   |    |                          |   |           |