

Name:

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Check your answers against those on my website as you work!

### Unit Conversion 4 - Review!

**Convert the values to a common unit rate, then compare.**

- 1) A grocery store sells juice for the following prices. Which is the best deal?
  - a) \$2.25 for 1 L
  - b) \$8 for 4 L
  - c) \$4 for six 400mL bottles
  
- 2) Which is the fastest speed?
  - a) 2.5m/s
  - b) 200m/min
  - c) 7km/h
  - d) 300km/day
  
- 3) What wage is the highest for a 40-hour, 5-day work-week?
  - a) \$18/h
  - b) \$140/day
  - c) \$30 000/yr
  - d) \$2 400/month

**Convert the following using the factor-label method.**

- 4) 3km/h to mm/s
  
- 5) \$25/year to \$/s
  
- 6) 18.1mL/s to L/yr

7) \$6/day to \$/decade

8) 3.3cm/s to km/yr

9) 2.7g for 300mL to kg/L

10) \$1.29 for 35g to \$/kg

11) \$43 000 over 12 years to \$/day

12) 145mm/yr to cm/day

13) 20 000m/s to km/yr

14) 0.43m to km

15) 25 000km to mm

16) 200mL in 5km to L/m

17) 900km/h to cm/s

Highlight or put a star next to questions that stumped you!