**Practice entry test 3**

*Complete each calculation without using a calculator.*

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1. A patient is brought into the emergency department with a body temperature of 35.6° C. If the normal body temperature is 37° C, how many degrees Celsius below normal is the patient’s temperature?

2. One dose of vaccine is 1.25 mL. How many mL of vaccine is needed to vaccinate 55 patients in a clinic?

3. A medication vial holds 7 millilitres (mL) of medication. If 1.4 mL are withdrawn from the vial, how many mL are left in the vial?

4. If 5 millilitres (mL) of a solution contains 4 mL of water, how many mL of water are in 20 mL of solution?

5. The nurse is instructed to administer 500 mL of a solution every 8 hours (hr). How many hr will be needed to administer 1 500 mL of solution?

6. A patient has received 45% of a 500-mL bag of intravenous (IV) solution. How many mL of IV solution has the patient received?

7. Convert the following weight to kg and g - 6.4 lb

8. Convert the following time to international time (24 hour clock). 10:19 PM

9. Convert the following to cm and m - 34 mm =

10. Solve for *x*.

16 = *x*

40 55

**Practice entry test 3**

**Answer Section**

**COMPLETION**

1. ANS: 1.4

PTS: 1 REF: Pages 27–28

2. ANS: 68.75 or 68.8

PTS: 1 REF: Pages 29–30

3. ANS: 5.6

PTS: 1 REF: Pages 27–28

4. ANS: 16

PTS: 1 REF: Page 43

5. ANS: 24

PTS: 1 REF: Page 44

6. ANS: 225

PTS: 1 REF: Page 57

7. ANS: 2.9

PTS: 1 REF: Page 108

8. ANS: 2219

PTS: 1 REF: Page 109

9. ANS: 3.4cm and 0.034m

PTS: 1 REF: Page 106

10. ANS: 22

PTS: 1 REF: Pages 43–44