

Chapter 5: Practice Problem Answers

INTERPRETING PRESCRIPTIONS

Convert between the abbreviation and the English meaning by filling in the missing side of each equation:

1. QPM = ?

In the evening

2. QID = ?

Four times daily

3. Twice weekly = ?

BIW

4. After a meal = ?

PC or p.c.

5. ODT = ?

Orally disintegrating tablet

6. D5NS = ?

Dextrose 5% in normal saline

7. At bedtime = ?

HS (QHS = every day at bedtime)

8. TTT = ?

Three

9. \dot{T} / $\dot{T}\dot{T}$ SL PC and QHS PRN Abdominal Pain = ?

Dissolve one or two tablet(s) sublingually (under the tongue) after every meal and at bedtime as needed for abdominal pain.

10. As needed for pain = ?

P/P or PRN/P (or PRN Pain)

11. Unwrap and insert one suppository rectally every four to six hours as needed for nausea and vomiting = ?

Unwrap and insert \dot{T} PR Q4/6H P/NV (or PRN/NV or PNV)

12. QAM = ?

Every morning

13. QID = ?

Four times a day

14. Extended release = ?

ER

15. IVPB = ?

Intravenous piggyback

Convert between Roman numerals and Arabic numerals by filling in the missing side of each equation:

16. $IV = ?$

4

17. $XII = ?$

12

18. $MCM = ?$

1,900

19. $DLVI = ?$

556

20. $MCXCVIII = ?$

1,198

21. $825 = ?$

DCCCXXV

22. $1,472 = ?$

MCDLXXII

23. $35 = ?$

XXXV

24. $CMXXXIV = ?$

944

25. $6,398 = ?$

MMMMMMCCCXCVIII

26. XXVIII

28

27. XLIV = ?

44

Yes or No: Are the following DEA numbers valid for the prescriber or facility listed?

28. Dr. Andrew Smith: FS7826451

Yes

1. Is the first letter A, B or F to signify a doctor? Valid
2. Is the second letter S (for Smith) ? Valid
3. What is the check digit?
 $= 7+2+4+2(8+6+5)$
 $= 13 + 2(19)$
 $= 13 + 38 = 51 \quad 1$
4. Is the last digit the same as the DEA check digit? Valid

29. Nurse Practitioner John Appleseed: AJ7462117

No

1. Is the first letter M for nurse practitioner? Invalid
2. Is the second letter A (for Appleseed)? Invalid

30. Walt's Downtown Pharmacy: AW8053148

Yes

1. Is the first letter is A, B or F ? Valid
2. Is the second letter W (for Walt's) ? Valid
3. What is the check digit?
 $= 8 + 5 + 1 + 2(0 + 3 + 4)$
 $= 14 + 2(7)$
 $= 14 + 14 = 28 \quad 8$
4. Is the last digit the same as the DEA check digit? Valid

31. Send-It-Back Wholesaler: RW9650090

No

1. Is the first letter R ? Valid
2. Is the second letter S (for Send) ? Invalid

Yes or No: Are the following NPIs valid?

32. 1234567893

Yes

Double	2	+	6	+	1+	+	1+4	+	1+8	=23
	^		^		^		^		^	
		2	+	4	+	6	+	8	=	20
NPI	1	2	3	4	5	6	7	8	9	3

$$24 + 23 + 20 = 67$$

67 rounds up to 70

$$70 - 67 = 3$$

Check digit is 3.

33. 8764535465

No

Double	1+	+	1+2	+	1+0	+	1+0	+	1+2	=15
	^		^		^		^		^	
		7	+	4	+	3	+	4	=	18
NPI	8	7	6	4	5	3	5	4	6	5

$$24 + 15 + 18 = 57$$

57 rounds to 60

$$60 - 57 = 3$$

Check digit is 3.

34. 6856694327

No

Double	1+	+	1+0	+	1+2	+	8	+	4	=19
	^		^		^		^		^	
		8	+	6	+	9	+	3	=	26
NPI	6	8	5	6	6	9	4	3	2	7

$$24 + 19 + 26 = 69$$

69 rounds to 70

$$70 - 69 = 1$$

Check digit is 1.

35. 7777777777

No

Double	1+	+	1+4	+	1+4	+	1+4	+	1+4	=25
	^		^		^		^		^	
		7	+	7	+	7	+	7	=	28
NPI	7	7	7	7	7	7	7	7	7	7

$$24 + 25 + 28 = 77$$

77 rounds to 80

80 – 77 = 3
Check digit is 3.

Interpret the following orders by answering the questions following each prescription example.

Patient: John K. Jones DOB: 04/15/2004	Amoxicillin 250 mg/5 mL Sig: 2 teaspoonfuls BID x10d Give QS / No Refills	Dr. A.B. Brown Date Written: 3 March 2020
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36. What is the most appropriate action verb and route of administration for the label for this medication?

Because John is a child, “give” would be the most appropriate action verb. This medication is taken “by mouth.”

37. Write out this prescription as it would be read.

Give John K. Jones (date of birth 4/15/04) two teaspoons of Amoxicillin 250 mg/5 mL twice daily for 10 days. Dispense the quantity sufficient with no refills. Written by Dr. A.B. Brown on March 3, 2020.

Patient: Judy Payne DOB: 7/4/1972	Hydrocodone / APAP 5 mg / 325 mg Tablets Sig: $\dot{T}/\dot{T}\dot{T}$ Q4/6H P/P Quantity: 360 (three hundred sixty) / Refills: 0 (zero)	Dr. May Johnson, D.O. DEA FA7356923 Date Written: 3/14/2013
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38. What is the most appropriate action verb and route of administration for the prescription label for this medication?

Ms. Payne is an adult so “take” is the appropriate verb. This is an oral medication so “by mouth” is appropriate.

39. How would the sig read for Judy Payne's prescription when typed out on the patient's label?

Take one to two tablets by mouth every four to six hours as needed for pain.

Patient: Ms. Julie Brown
D.O.B.: 7/7/1977

Fluticasone
Ṫ / ṪṪ IEN up to BID PRN
Q.S. 90-day supply / Ref: PRN

Bill Thomas, N.P.
NPI: 7777777789
Date Written: 1/2/2019

40. How would the sig read for Julie Brown's prescription when typed out on the patient's label?

Spray once or twice into each nostril up to twice daily as needed OR instill one to two sprays into each nostril up to twice daily as needed.