Convert customary units: inches, feet, pounds and gallons worksheet – Grade 4

Grade 4 · Mixed level · Mastery worksheet · 25 questions · **Version X80119**

Name: _____ Date: _____ Score: ___ / 25

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A Fill in the answer

Work out each answer and write it on the line.

1. A puppy weighs 5 pounds 3 ounces. How many ounces is that?

   Answer: _____

2. 6 feet 5 inches = ? inches

   Answer: _____

3. Leah has a 5-foot rope and cuts it into 12-inch pieces. How many pieces does Leah get?

   Answer: _____

4. 2 hours 50 minutes = ? minutes

   Answer: _____

5. 7 pounds = ? ounces

   Answer: _____

6. 4 gallons = ? quarts

   Answer: _____

B Choose the answer

Circle the letter of the right answer.

7. 3 feet = ? inches

   A. 35 **B.** 37 **C.** 26 **D.** 36

8. 2 quarts = ? pints

   A. 6 **B.** 4 **C.** 2 **D.** 14

9. 4 yards 1 feet = ? feet

   A. 14 **B.** 15 **C.** 13 **D.** 3

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10. A recipe makes 2 gallons of lemonade. How many cups is that? (1 gallon = 4 quarts, 1 quart = 2 pints, 1 pint = 2 cups)

    A. 32 **B.** 12 **C.** 30 **D.** 36

C Choose all that apply

There is more than one right answer. Circle every one.

11. Circle every problem whose answer is greater than 29.

    A. 3 pounds 15 ounces = ? ounces

    B. 2 pounds 11 ounces = ? ounces

    C. 3 gallons 3 quarts = ? quarts

    D. Liam has an 8-foot rope and cuts it into 12-inch pieces. How many pieces does Liam get?

    E. 9 hours = ? minutes

12. Circle every problem whose answer is greater than 22.

    A. 7 gallons = ? quarts

    B. 6 quarts = ? pints

    C. 5 gallons = ? quarts

    D. 8 yards = ? feet

    E. 4 pounds = ? ounces

D True or false

Check each answer. Tick True or False for every row.

13. Is each answer correct? Tick True or False.

	True	False
3 pints = ? cups Answer: 6	☐	☐
6 yards = ? feet Answer: 8	☐	☐
2 hours 12 minutes = ? minutes Answer: 132	☐	☐

14. Is each answer correct? Tick True or False.

	True	False
7 pints = ? cups Answer: 14	☐	☐
3 feet 1 inches = ? inches Answer: 37	☐	☐
5 hours = ? minutes Answer: 315	☐	☐

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E Spot the mistake

Decide if the answer is right, then explain how you know.

15. 2 pounds = ? ounces Omar says the answer is 36. Is Omar right? Explain how you know.

    A. Yes **B.** No

    BECAUSE…

16. A puppy weighs 2 pounds 12 ounces. How many ounces is that? Zara says the answer is 44. Is Zara right? Explain how you know.

    A. Yes **B.** No

    BECAUSE…

F Match

Solve each problem, then tick the letter of its answer.

17. Answers to choose from:

    A 64 **B** 7 **C** 153 **D** 87

	A	B	C	D
Emma has a 5-foot rope and cuts it into 8-inch pieces. How many pieces does Emma get?	☐	☐	☐	☐
5 feet 4 inches = ? inches	☐	☐	☐	☐
5 pounds 7 ounces = ? ounces	☐	☐	☐	☐
2 hours 33 minutes = ? minutes	☐	☐	☐	☐

18. Answers to choose from:

    A 8 **B** 48 **C** 12 **D** 360

	A	B	C	D
4 feet = ? inches	☐	☐	☐	☐
6 hours = ? minutes	☐	☐	☐	☐
4 quarts = ? pints	☐	☐	☐	☐
6 pints = ? cups	☐	☐	☐	☐

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G Put in order

Solve, then write the letters in order.

19. Work out each answer. Then write the letters in order, from the smallest answer to the largest.

    P. 8 gallons = ? quarts _____

    Q. A recipe makes 4 gallons of lemonade. How many cups is that? (1 gallon = 4 quarts, 1 quart = 2 pints, 1 pint = 2 cups) _____

    R. 6 yards 2 feet = ? feet _____

    Order: _____ , _____ , _____

20. Work out each answer. Then write the letters in order, from the smallest answer to the largest.

    P. 6 gallons 3 quarts = ? quarts _____

    Q. 3 yards = ? feet _____

    R. 9 quarts = ? pints _____

    Order: _____ , _____ , _____

I Word problems

Show how you worked out each answer in the box.

21. Ethan has an 8-foot rope and cuts it into 4-inch pieces. How many pieces does Ethan get?

    SHOW YOUR WORK

    Answer: _____

22. Emma has a 6-foot rope and cuts it into 6-inch pieces. How many pieces does Emma get?

    SHOW YOUR WORK

    Answer: _____

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23. Nia has an 8-foot rope and cuts it into 8-inch pieces. How many pieces does Nia get?

SHOW YOUR WORK

Answer: _____

24. A recipe makes 5 gallons of lemonade. How many cups is that? (1 gallon = 4 quarts, 1 quart = 2 pints, 1 pint = 2 cups)

SHOW YOUR WORK

Answer: _____

J Challenge

A harder problem. Take your time.

25. A recipe makes 3 gallons of lemonade. How many cups is that? (1 gallon = 4 quarts, 1 quart = 2 pints, 1 pint = 2 cups)

SHOW YOUR WORK

Answer: _____

Score by section: A ___/6 · B ___/4 · C ___/2 · D ___/2 · E ___/2 · F ___/2 · G ___/2 · I ___/4 · J ___/1

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