LESSON Practice B

9-3 Converting Customary Units

Convert.

Compare. Write <, >, or =.

13. 8 ounces
$$\frac{1}{4}$$
 pound

18.
$$3\frac{1}{2}$$
 tons 6,000 pounds

- **19.** Cassandra drank $8\frac{1}{2}$ cups of water during the mountain hike. How many fluid ounces of water did she drink?
- **20.** Stan cut a wooden plank into 4 pieces. Each piece was 18 inches long. How long was the plank before Stan cut it?

Practice A Converting Customary Units		Practice B 9-3 Converting Customary Units	
Convert.			
		Convert.	
1. 1 yard = feet	2. 1 mile = 1,760 yards	1. 3 yards = inches	2. 29 yards = 87 feet
3. 1 pound =16 ounces	4. 1 ton = <u>2,000</u> pounds	313_ cups = 104 fluid ounces	4. 4 quarts =8 pints
5. 1 pint = cups	6. 1 quart = pints	5. 4 pounds = <u>64</u> ounces	6. 80 ounces =5 pounds
7. 1 quart =4 cups	8. 1 gallon =4 quarts	7. 5 miles = <u>8,800</u> yards	8. _3_ gallons = 48 cups
9. 24 inches = feet	10. 8 pints = 4 quarts	98_ cups = 4 pints	10. 36 inches = yards
118 quarts = 2 gallons	12. 3 pounds =48 ounces	Compare. Write <, >, or =.	
13. 72 inches = yards	14. 10,000 pounds =5 tons	11. 4 quarts < 24 cups	12. 2.5 feet < 32 inches
Compare. Write <, >, or = . 15. 28 inches 1 yard	16. 120 inches = 10 feet	13. 8 ounces $\geq \frac{1}{4}$ pound	14. 5 cups = 40 fluid ounces
17. 2 pints = 4 cups	18. 22 inches 2 feet	15. 56 ounces = 3.5 pounds	16. 2 yards > 5 feet
		17. 1.5 miles 2,500 yards	18. $3\frac{1}{2}$ tons \geq 6,000 pounds
19. George's two rabbits each weigh 24 ounces. How many pounds do they weigh together?		10. Coccording decade 01 gaps of water during the mountain bile	
3 pounds		19. Cassandra drank $8\frac{1}{2}$ cups of water during the mountain hike. How many fluid ounces of water did she drink?	
20. Loretta needs to add 2 gallons of water to her fish tank, but she only has a cup to measure the water. How many cups does she		68 fluid ounces	
need to add?		20. Stan cut a wooden plank into 4 pieces. Each piece was	
32 cups		18 inches long. How long was the plank before Stan cut it?	
<u> </u>		72 inches or 6 feet long	
		72 mones of o feet folig	
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9-3 Converting Customary Convert.	4	9-3 Converting Customary University You can use the table below to convert cu	stomary units.
9-3 Converting Customary	Units 2. $\frac{6\frac{1}{2}}{2}$ cups = 52 fluid ounces	9-3 Converting Customary United You can use the table below to convert culture Length Weight	stomary units. Capacity
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9-3 Converting Customary Convert. 1. $\frac{9}{4}$ feet = 3 yards 3. $1\frac{3}{4}$ miles = $\frac{3.080}{4}$ yards	2. $\frac{6\frac{1}{2}}{2}$ cups = 52 fluid ounces 4. 2 gallons = $\frac{32}{2}$ cups	You can use the table below to convert ct Length 1 foot = 12 inches 1 yard = 3 finches 1 yard = 3 feet 1 mile = 5,280 feet	stomary units. Capacity 1 cup = 8 fluid ounces 1 pint = 2 cups 1 quart = 2 pints 1 quart = 4 cups 1 gallon = 4 quarts
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9-3 Converting Customary (Convert. 1. 9 feet = 3 yards 3. $1\frac{3}{4}$ miles = $\frac{3.080}{5}$ yards 5. $\frac{4.400}{5}$ pounds = $2\frac{1}{5}$ tons 7. 40 ounces = $\frac{1}{22}$ pounds 9. 21 cups = $5\frac{1}{4}$ quarts Compare. Write <, >, or =. 11. $4\frac{9}{10}$ pounds ≤ 80 ounces 13. 3 miles = $\frac{1}{2}$ 5.280 yards 15. $6\frac{2}{3}$ feet = $\frac{1}{2}$ 80 inches 17. 11 gallons ≥ 40 quarts 19. A Labrador retriever weighs 48 poun ounces. Which dog weighs more? by The huskie weighs 7 ounces more 20. Maria drove 176,000 yards in 2 hour	2. $\frac{6\frac{1}{2}}{2}$ cups = 52 fluid ounces 4. 2 gallons = $\frac{32}{2}$ cups 6. $1\frac{1}{2}$ yards = $\frac{54}{2}$ inches 8. $1\frac{2}{3}$ miles = $\frac{8.800}{2}$ feet 10. 1,000 pounds = $\frac{1}{2}$ ton 12. 365 inches \ge 10 yards 14. 10 quarts $=$ 20 pints 16. 4 gallons \ge 30 pints 18. $13\frac{2}{3}$ yards \ge 40 feet ds. A huskie weighs 775 yow many ounces?	You can use the table below to convert or c	Interest to the state of the s
Convert. 1. 9 feet = 3 yards 3. $1\frac{3}{4}$ miles = $\frac{3.080}{5}$ yards 5. $\frac{4.400}{4}$ pounds = $2\frac{1}{5}$ tons 7. 40 ounces = $\frac{1}{2\frac{1}{2}}$ pounds 9. $\frac{21}{10}$ cups = $5\frac{1}{4}$ quarts Compare. Write <, >, or =. 11. $4\frac{9}{10}$ pounds \leq 80 ounces 13. 3 miles $=$ 5.280 yards 15. $6\frac{2}{3}$ feet $=$ 80 inches 17. 11 gallons \geq 40 quarts 19. A Labrador retriever weighs 48 poun ounces. Which dog weighs more? by The huskie weighs 7 ounces model of the did she drive on average?	2. $\frac{6\frac{1}{2}}{2}$ cups = 52 fluid ounces 4. 2 gallons = $\frac{32}{2}$ cups 6. $1\frac{1}{2}$ yards = $\frac{54}{2}$ inches 8. $1\frac{2}{3}$ miles = $\frac{8.800}{2}$ feet 10. 1,000 pounds = $\frac{1}{2}$ ton 12. 365 inches \ge 10 yards 14. 10 quarts $=$ 20 pints 16. 4 gallons \ge 30 pints 18. $13\frac{2}{3}$ yards \ge 40 feet ds. A huskie weighs 775 yow many ounces?	You can use the table below to convert of the values. Length 1 foot = 12 inches 1 yard = 3 fiches 1 yard = 3 fiches 1 mile = 1,760 yards To figure out how many pounds are in 32 proportion where the first ratio uses 16 of the second ratio uses a variable for the values. The solve the proportion. 16 ounces 1 younds 2 younds Then solve the proportion. 16 ounces 2 younds 1 pound 2 younds Then solve the proportion. 16 values 3 younds 16 x = 32 Think: $32 \div 16 = x$ Then, us to solve the values. Use the table above to set up a proportithe values. 1. the number of pounds in 80 ounces $\frac{1}{16} = \frac{x}{80}$ 5 pounds 3. the number of yards in 5 miles 8,800 yards	Interest to the state of the s