Rename Units of Measure

Name _____

Date _____

> To rename a larger unit as a
> smaller unit, multiply.
> 4 dm = __?__ cm
>
> | Think: 1 dm = 10 cm |
>
> 4 × 10 = 40
> So 4 dm = 40 cm.

> To rename a smaller unit as a
> larger unit, divide.
> 4 pt = __?__ qt
>
> | Think: 2 pt = 1 qt |
>
> 4 ÷ 2 = 2
> So 4 pt = 2 qt.

Rename each unit of measure.

1. 20 cm = _____ dm

2. 6 c = _____ pt

3. 6 pt = _____ c

4. 6 pt = _____ qt

5. 10 dm = _____ m

6. 12 qt = _____ gal

7. 3 gal = _____ qt

8. 8 qt = _____ pt

9. 2 dm = _____ cm

Compare. Write <, =, or >.

10. 2 dm _____ 20 cm

11. 110 dm _____ 1 m

12. 2 qt _____ 5 pt

13. 10 m _____ 90 dm

14. 3 gal _____ 14 qt

15. 36 ft _____ 12 yd

16. 17 qt _____ 4 gal

17. 2 dm _____ 21 m

18. 4 m _____ 50 dm

Problem Solving

19. Cody can jump up 38 inches on the
trampoline. Caroline can jump up
a yard. Who can jump higher? _____

20. Martha needs 20 gallons of mineral
water to fill her fish tank. The store
sells mineral water by the quart. How
many quarts of water should she buy
to fill the tank? _____