

## Convert between yards, feet and inches

## **Grade 3 Measurement Worksheet**

Note: 1 yard (yd) = 3 feet (ft); 1 foot = 12 inches (in)

Convert the given measures to new units.

1. 
$$36 \text{ in} = \underline{\qquad \qquad yd \quad 2. \quad 54 \text{ ft} = \underline{\qquad \qquad yd}}$$

3. 
$$27 \text{ ft} = \underline{\qquad \qquad yd \qquad 4. \quad 10 \text{ yd} = \underline{\qquad \qquad in}}$$

5. 
$$5 \text{ yd} = ____ \text{ ft } 6. 7 \text{ yd} = ____ \text{ ft}$$

7. 
$$18 \text{ ft} = \underline{\qquad \qquad \text{in} \qquad 8.} \quad 12 \text{ yd} = \underline{\qquad \qquad \text{in}}$$

9. 
$$4 \text{ yd} = \underline{\qquad \qquad \text{ft} \quad 10. \quad 11 \text{ yd} = \underline{\qquad \qquad \text{ft}} \quad$$

11. 
$$13 \text{ yd} = \underline{\qquad \qquad \qquad \text{in} \qquad 12. \quad 6 \text{ ft} = \underline{\qquad \qquad \qquad \text{in} \qquad }$$

13. 
$$45 \text{ ft} = \underline{\qquad \qquad \qquad yd \qquad 14. \quad 17 \text{ yd} = \underline{\qquad \qquad in}}$$

15. 
$$12 \text{ ft} = \underline{\qquad \qquad \text{in} } \ 16. \ 16 \text{ yd} = \underline{\qquad \qquad \text{ft}}$$

17. 
$$12 \text{ yd} = \underline{\qquad \qquad \qquad \text{ft} \qquad 18. \quad 12 \text{ in} = \underline{\qquad \qquad \qquad \text{ft}}$$

19. 
$$18 \text{ ft} = \underline{\qquad \qquad \qquad yd \qquad 20. \quad 36 \text{ ft} = \underline{\qquad \qquad yd \qquad }}$$



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yd

3. 
$$27 \text{ ft} = 9 \text{ yd}$$

$$yd^{4}$$
 10  $yd = 360$  in

in

$$5. 5 \text{ yd} = 15 \text{ ft}$$

$$ft = 6. 7 \text{ yd} = 21 \text{ ft}$$

ft

7. 
$$18 \text{ ft} = 216 \text{ in}$$

in

9. 
$$4 \text{ yd} = 12 \text{ ft}$$

ft

$$\frac{12}{12}$$
 6 ft =  $\frac{72}{12}$  in

in

13. 
$$45 \text{ ft} = 15 \text{ yd}$$

$$yd^{14}$$
. 17  $yd = 612$  in

in

15. 
$$12 \text{ ft} = 144 \text{ in}$$

in 
$$^{16}$$
.  $16 \text{ yd} = 48 \text{ ft}$ 

ft

17. 
$$12 \text{ yd} = 36 \text{ ft}$$

ft 
$$^{18}$$
.  $12 in = 1 ft$ 

ft

19. 
$$18 \text{ ft} = 6 \text{ yd}$$

$$yd^{20}$$
. 36 ft = 12 yd

yd