## 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. $9 \mathrm{ft}=$ $\qquad$ yd 2. $6 \mathrm{ft}=$ in
2. $12 \mathrm{in}=$ $\qquad$ ft 4. $7 \mathrm{yd}=$ in
3. $45 \mathrm{ft}=\square \mathrm{yd}$
4. $7 \mathrm{yd}=\square \mathrm{ft}$
5. $16 \mathrm{yd}=\ldots$ in
6. $8 \mathrm{ft}=$ $\qquad$
7. $9 \mathrm{yd}=$ $\qquad$
ft
8. $6 \mathrm{yd}=\square \mathrm{ft}$
$\qquad$
in
9. $2 \mathrm{yd}=\square \mathrm{ft}$
10. $54 \mathrm{ft}=$ $\qquad$
yd
11. $11 \mathrm{yd}=$ $\qquad$
12. $11 \mathrm{yd}=$ $\qquad$ ft 16. $8 \mathrm{yd}=$ $\qquad$
13. $9 \mathrm{ft}=$ $\qquad$ in 18. 36 in $=$ $\qquad$
14. $1 \mathrm{yd}=$ $\qquad$ ft 20. $144 \mathrm{in}=$ $\qquad$

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Convert the given measures to new units.

1. $9 \mathrm{ft}=3 \mathrm{yd}$
yd
2. $6 \mathrm{ft}=72 \mathrm{in}$
in
3. $12 \mathrm{in}=1 \mathrm{ft} \mathrm{ft}$
4. $7 \mathrm{yd}=252 \mathrm{in}$ in
5. $45 \mathrm{ft}=15 \mathrm{yd}$
yd
6. $7 \mathrm{yd}=21 \mathrm{ft} \mathrm{ft}$
7. $16 \mathrm{yd}=576 \mathrm{in}$
in
8. $8 \mathrm{ft}=96 \mathrm{in} \quad$ in
9. $9 \mathrm{yd}=27 \mathrm{ft}$
ft
10. $6 \mathrm{yd}=18 \mathrm{ft} \mathrm{ft}$
11. $5 \mathrm{ft}=60 \mathrm{in}$ in
12. $2 \mathrm{yd}=6 \mathrm{ft}$
ft
13. $54 \mathrm{ft}=18 \mathrm{yd} \mathrm{yd}$
14. $11 \mathrm{yd}=396$ in in
15. $11 \mathrm{yd}=33 \mathrm{ft}$
ft 16. $8 \mathrm{yd}=\underline{288 \mathrm{in}}$
in
16. $9 \mathrm{ft}=108 \mathrm{in}$ in
n ${ }^{18 .} 36 \mathrm{in}=1 \mathrm{yd}$
yd
17. $1 \mathrm{yd}=3 \mathrm{ft}$
ft
18. $144 \mathrm{in}=12 \mathrm{ft}$ ft
