## Factoring numbers (1-100) to prime factors

Grade 6 Factoring Worksheet
Factor the following numbers to their prime factors. Is the number prime?

1. $98=$ $\qquad$ 2. $40=$ $\qquad$
2. $83=$ $\qquad$
3. $2=$ $\qquad$
4. $87=$ $\qquad$
5. $46=$ $\qquad$
6. $80=$ $\qquad$
7. $89=$ $\qquad$
8. $53=$ $\qquad$ 10. $50=$ $\qquad$
$\qquad$ 12. $82=$ $\qquad$
9. $67=$ $\qquad$
10. $76=$ $\qquad$
11. $49=$ $\qquad$
12. $32=$ $\qquad$
$\qquad$ 18. $3=$ $\qquad$
13. $94=$ $\qquad$ 20. $9=$ $\qquad$

## Factoring numbers (1-100) to prime factors

Grade 6 Factoring Worksheet
Factor the following numbers to their prime factors. Is the number prime?

1. $98=2 \times 7 \times 7$ (No)
2. $40=2 \times 2 \times 2 \times 5$ (No)
3. $83=83(\mathrm{Yes})$
4. $2=2$ (Yes)
5. $87=3 \times 29(\mathrm{No})$
6. $46=\underline{2 \times 23(N o)}$
7. $80=\underline{2 \times 2 \times 2 \times 2 \times 5(\mathrm{No})}$
8. $89=89$ (Yes)
9. $53=53$ (Yes)
10. $50=2 \times 5 \times 5(\mathrm{No})$
11. $69=3 \times 23$ (No)
12. $82=2 \times 41(\mathrm{No})$
13. $67=67$ (Yes)
14. $76=2 \times 2 \times 19$ (No)
15. $49=7 \times 7(\mathrm{No})$
16. $32=2 \times 2 \times 2 \times 2 \times 2$ (No)
17. $47=\underline{47}$ (Yes)
18. $3=3$ (Yes)
19. $94=\underline{2 \times 47(\mathrm{No})}$
20. $9=3 \times 3(\mathrm{No})$
