Name: $\qquad$ Date: $\qquad$
Determine the least common multiple using the prime factors of each number.

$$
\text { 1. } \begin{aligned}
6 & = \\
33 & = \\
\mathrm{LCM} & =
\end{aligned}
$$

2. $18=$
$22=$
LCM =
3. $10=$
$35=$
LCM =
4. $45=$
$12=$
LCM $=$
5. $15=$
$18=$
LCM $=$
6. $36=$
$10=$
LCM $=$
7. $40=$
$38=$
LCM $=$
8. $26=$
$14=$
LCM $=$
9. $28=$
$38=$
LCM =
10. $\quad 8=$
$20=$
LCM =
