

Name _____ Date _____

COMBINING LIKE TERMS

Collect like terms

$$\begin{aligned} & \underline{4a} + \underline{5} + \underline{2a} - \underline{3} \\ & = \mathbf{6a} + 2 \end{aligned}$$

Collect the like terms. Combine them to simplify the expressions.

- 1) $2x + 6y + 7x$
- 2) $3a + 8b + 7x$
- 3) $6uv + 3xy + 5uv$
- 4) $9p + 8q - p$
- 5) $2m + 5n + 4m + 3n$
- 6) $6u + 9 + u - 3$
- 7) $8ab + 7cd + 3ab - 2cd$
- 8) $a + 2b - a - b$

$$9) 5a + 2b - 5a + 6b$$

$$10) 9p + 3 - 2p - 3$$

$$11) 2x + 6y + 7x$$

$$12) 3a + 8b + 5a$$

$$13) 6tu + 3v - 2tu$$

$$14) 9p + 8q + 7 - p$$

$$15) 2m + 5n + 4m + 3n$$

$$16) 6u + 9v + u + 3v$$

$$17) 8b + 7c + 3b - 2c$$

$$18) a + 2b - a - b$$

$$19) 5a + 2 - 5a + 3$$

$$20) 9xy - 6y + xy + 10y$$

