

## Simultaneous equations: forming and solving

*Exit ticket*

Name \_\_\_\_\_

- 1 There are 3 times as many red counters ( $r$ ) as blue ( $b$ ). Write an equation.

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- 2 2 kites and 3 frisbees cost £19. 1 kite and 1 frisbee cost £7.50. Let  $k$  and  $f$  be the costs in pounds. Write two equations, find  $f$ , then use (1) to find  $k$ . Answer in a sentence.

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- 3 A scarf is 30 g heavier than a hat. 3 scarves and 4 hats weigh 1140 g. Let  $s$  and  $h$  be the weights in grams. Find each.

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