

Reasoning — Symbol puzzles

Name: _____

Date: _____



Read each question and write what you work out.

1 $\bullet + \bullet = 28$ and $\blacklozenge - \bullet = 5$. What is $\blacklozenge$? **19**

Why? $\bullet = 28 \div 2 = 14$, so $\blacklozenge = 5 + 14$.

2 $\blacksquare + \blacksquare + \blacksquare = 30$ and $\blacksquare + \blacklozenge = 19$. What is $\blacklozenge$? _____

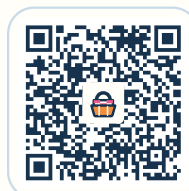
Why? -----

3 $\blacklozenge + \blacklozenge = 22$ and $\blacklozenge + \blacksquare = 20$. What is $\blacksquare$? _____

Why? -----

4 $\blacklozenge + \blacklozenge = 22$ and $\blacklozenge + \blacktriangle = 29$. What is $\blacktriangle$? _____

Why? -----



Reasoning · Symbol puzzles — Answer key



1. $\bullet = 14$, $\blacklozenge = 19$

2. $\blacksquare = 10$, $\blacklozenge = 9$

3. $\blacklozenge = 11$, $\blacksquare = 9$

4. $\blacklozenge = 11$, $\blacktriangle = 18$