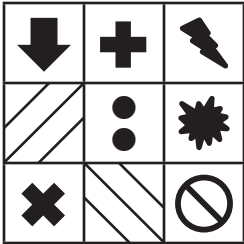# Complete Each Math Analogy
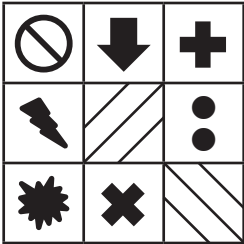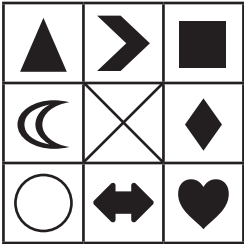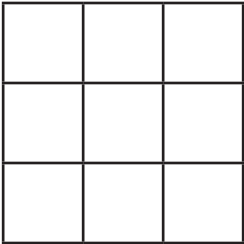
69)

number of nickels	value of nickels (in cents)	number of quarters	value of quarters (in cents)
3	15	1	
8	40	3	
14	70	7	
19	95	12	
n	$5n$	n	

: :: :

70)

71)

$$\sqrt{\dfrac{9}{16}} \; : \; \dfrac{3}{4} \; :: \; \sqrt{\dfrac{49}{81}} \; :$$

72)

two numbers which have a sum of 22 and a difference of 6 : **8, 14** :: two numbers which have a sum of 32 and a difference of 8 :

Answers

69)

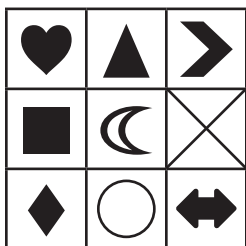| value of quarters (in cents) |
| --- |
| 25 |
| 75 |
| 175 |
| 300 |
| 25n |

70)

71) $\dfrac{7}{9}$

72) 12, 20