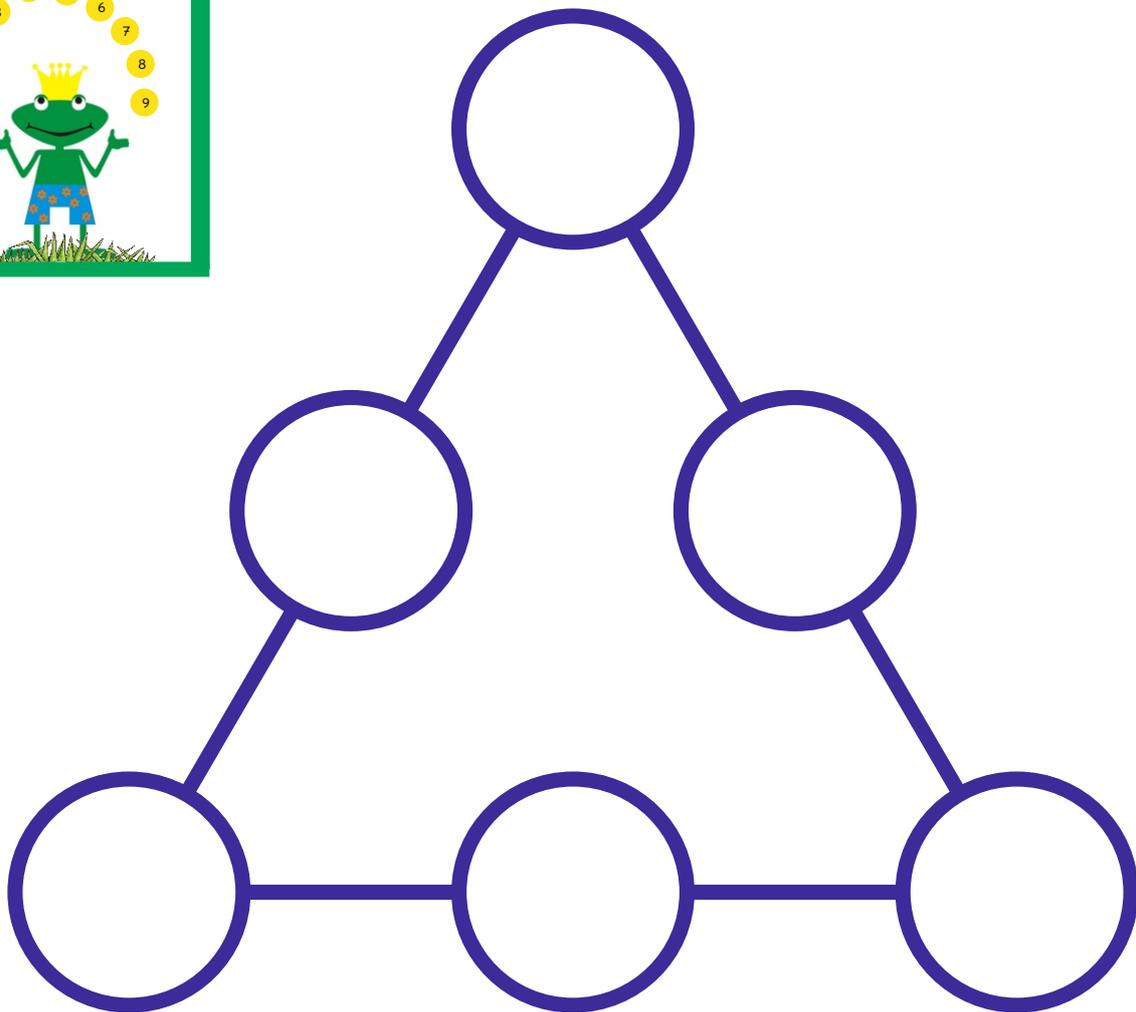
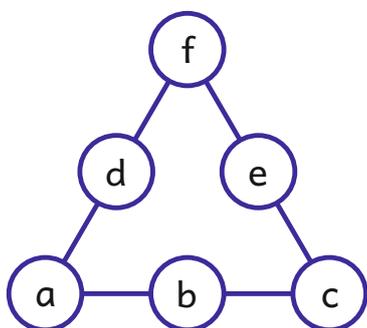


# Rechnen und Knobeln mit Ziffernplättchen: Gleiche Summen im Dreieck



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$$a + b + c = a + d + f = c + e + f$$

Die Karten 1 - 16 sind durch Rechnen zu lösen.  
Bei den Karten 17 - 32 muss geknobelt werden.

Die Ziffern von 1 bis 9 dürfen nur jeweils einmal verwendet werden.

Die Aufgaben sollten möglichst auf dem Plan gelegt werden.

1

$\bigcirc + \bigcirc + \bigcirc = 9$

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2

$\bigcirc + \bigcirc + \bigcirc = 10$

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3

$\bigcirc + \bigcirc + \bigcirc = 11$

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4

$\bigcirc + \bigcirc + \bigcirc = 12$

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5

$\bigcirc + \bigcirc + \bigcirc = 13$

www.mathemonsterchen.de

6

$\bigcirc + \bigcirc + \bigcirc = 14$

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7

$\bigcirc + \bigcirc + \bigcirc = 15$

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8

$\bigcirc + \bigcirc + \bigcirc = 16$

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9

$\bigcirc + \bigcirc + \bigcirc = 10$

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10

$\bigcirc + \bigcirc + \bigcirc = 14$

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11

$\bigcirc + \bigcirc + \bigcirc = 18$

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12

$\bigcirc + \bigcirc + \bigcirc = 16$

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13

$\bigcirc + \bigcirc + \bigcirc = 13$

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14

$\bigcirc + \bigcirc + \bigcirc = 14$

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15

$\bigcirc + \bigcirc + \bigcirc = 12$

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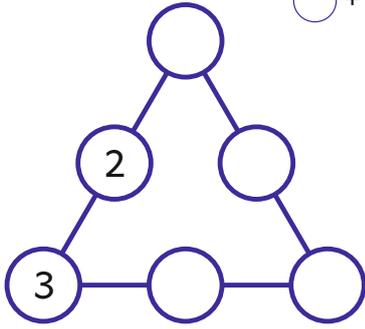
16

$\bigcirc + \bigcirc + \bigcirc = 15$

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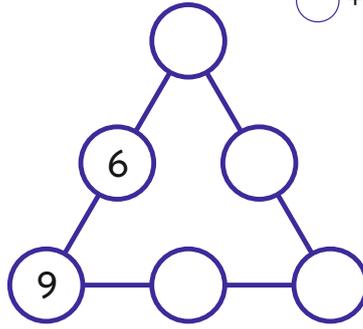
17

$$\bigcirc + \bigcirc + \bigcirc = 13$$


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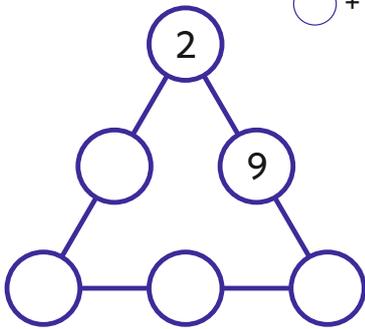
18

$$\bigcirc + \bigcirc + \bigcirc = 19$$


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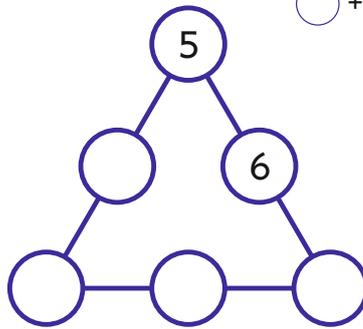
19

$$\bigcirc + \bigcirc + \bigcirc = 12$$


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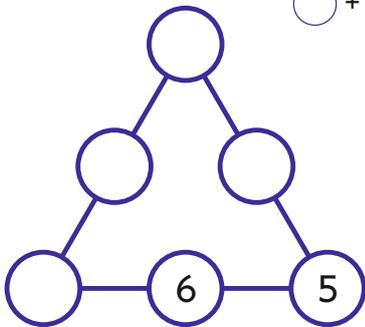
20

$$\bigcirc + \bigcirc + \bigcirc = 15$$


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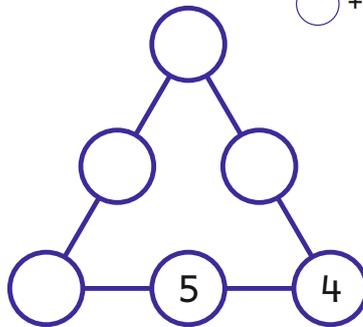
21

$$\bigcirc + \bigcirc + \bigcirc = 15$$


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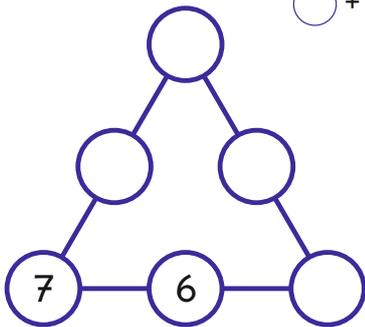
22

$$\bigcirc + \bigcirc + \bigcirc = 12$$


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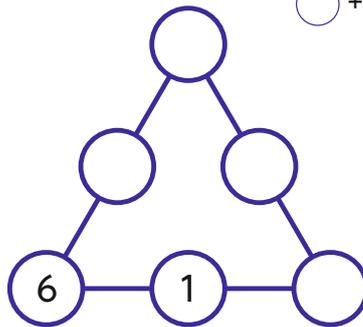
23

$$\bigcirc + \bigcirc + \bigcirc = 18$$


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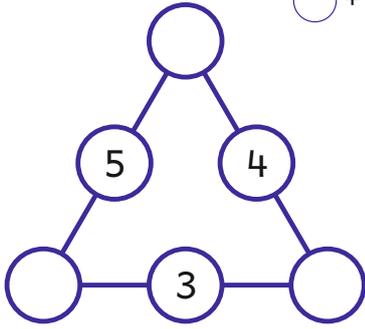
24

$$\bigcirc + \bigcirc + \bigcirc = 11$$


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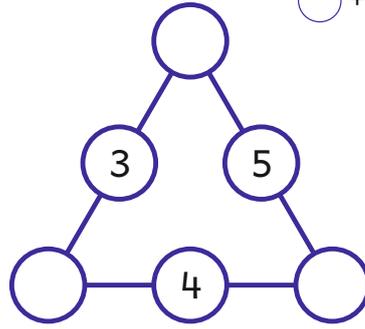
25

$$\bigcirc + \bigcirc + \bigcirc = 20$$


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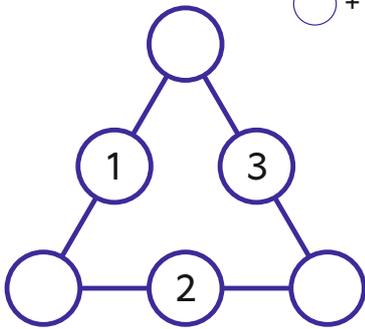
26

$$\bigcirc + \bigcirc + \bigcirc = 18$$


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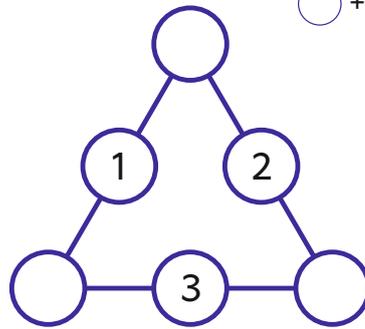
27

$$\bigcirc + \bigcirc + \bigcirc = 14$$


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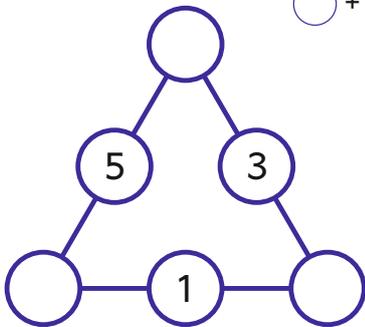
28

$$\bigcirc + \bigcirc + \bigcirc = 18$$


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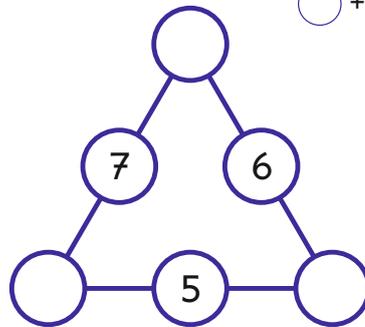
29

$$\bigcirc + \bigcirc + \bigcirc = 11$$


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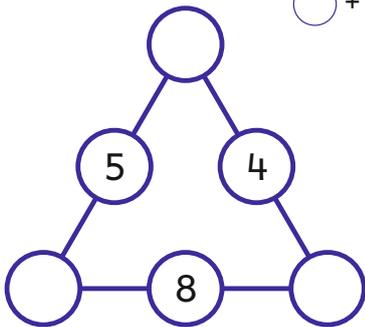
30

$$\bigcirc + \bigcirc + \bigcirc = 10$$


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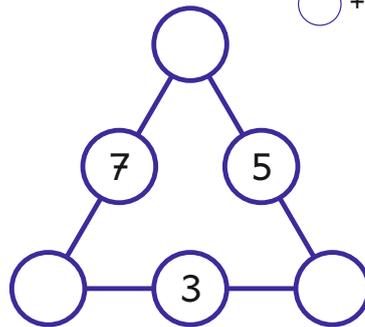
31

$$\bigcirc + \bigcirc + \bigcirc = 13$$


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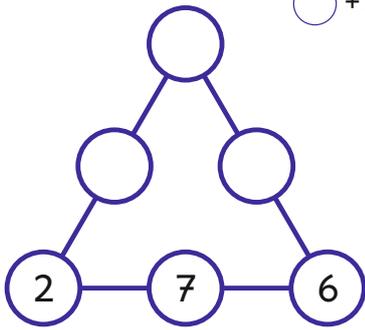
32

$$\bigcirc + \bigcirc + \bigcirc = 13$$


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33

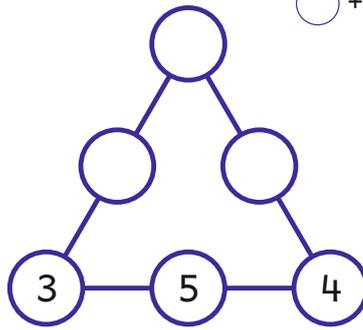
$\bigcirc + \bigcirc + \bigcirc = ?$



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34

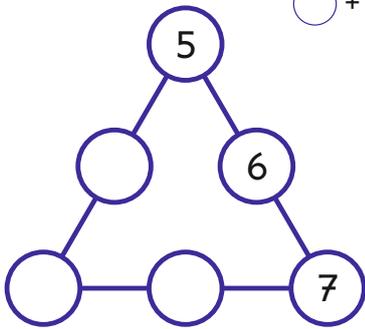
$\bigcirc + \bigcirc + \bigcirc = ?$



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35

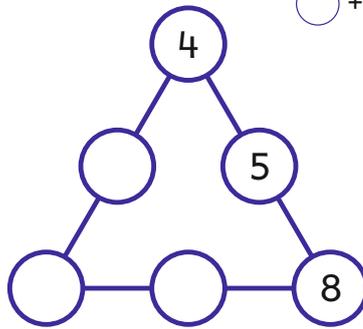
$\bigcirc + \bigcirc + \bigcirc = ?$



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36

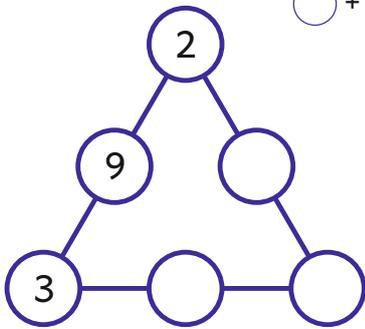
$\bigcirc + \bigcirc + \bigcirc = ?$



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37

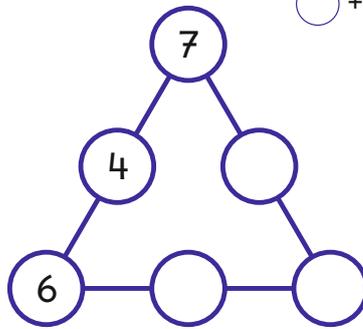
$\bigcirc + \bigcirc + \bigcirc = ?$



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38

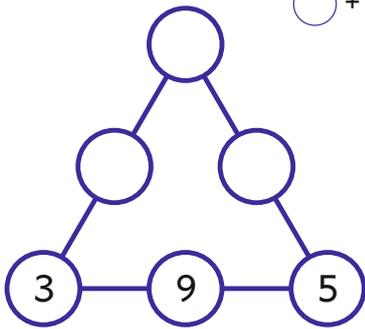
$\bigcirc + \bigcirc + \bigcirc = ?$



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39

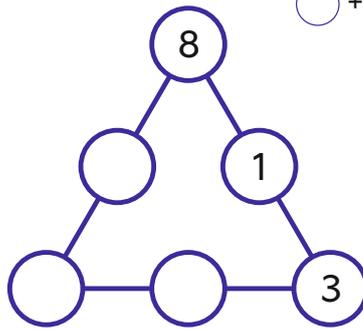
$\bigcirc + \bigcirc + \bigcirc = ?$



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40

$\bigcirc + \bigcirc + \bigcirc = ?$



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# Lösungskärtchen:

|   |   |   |   |
|---|---|---|---|
| <p>1 <math>\circ + \circ + \circ = 9</math></p>   | <p>2 <math>\circ + \circ + \circ = 10</math></p>  | <p>3 <math>\circ + \circ + \circ = 10</math></p>  | <p>4 <math>\circ + \circ + \circ = 14</math></p>  |
| <p>5 <math>\circ + \circ + \circ = 11</math></p>  | <p>6 <math>\circ + \circ + \circ = 12</math></p>  | <p>7 <math>\circ + \circ + \circ = 18</math></p>  | <p>8 <math>\circ + \circ + \circ = 16</math></p>  |
| <p>9 <math>\circ + \circ + \circ = 13</math></p>  | <p>10 <math>\circ + \circ + \circ = 14</math></p> | <p>11 <math>\circ + \circ + \circ = 13</math></p> | <p>12 <math>\circ + \circ + \circ = 14</math></p> |
| <p>13 <math>\circ + \circ + \circ = 15</math></p> | <p>14 <math>\circ + \circ + \circ = 16</math></p> | <p>15 <math>\circ + \circ + \circ = 12</math></p> | <p>16 <math>\circ + \circ + \circ = 15</math></p> |
| <p>17 <math>\circ + \circ + \circ = 13</math></p> | <p>18 <math>\circ + \circ + \circ = 19</math></p> | <p>19 <math>\circ + \circ + \circ = 20</math></p> | <p>20 <math>\circ + \circ + \circ = 18</math></p> |
| <p>21 <math>\circ + \circ + \circ = 12</math></p> | <p>22 <math>\circ + \circ + \circ = 15</math></p> | <p>23 <math>\circ + \circ + \circ = 14</math></p> | <p>24 <math>\circ + \circ + \circ = 18</math></p> |
| <p>25 <math>\circ + \circ + \circ = 15</math></p> | <p>26 <math>\circ + \circ + \circ = 12</math></p> | <p>27 <math>\circ + \circ + \circ = 11</math></p> | <p>28 <math>\circ + \circ + \circ = 10</math></p> |
| <p>29 <math>\circ + \circ + \circ = 18</math></p> | <p>30 <math>\circ + \circ + \circ = 11</math></p> | <p>31 <math>\circ + \circ + \circ = 13</math></p> | <p>32 <math>\circ + \circ + \circ = 13</math></p> |

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1 2 3 4 5

6 7 8 9

1 2 3 4 5

6 7 8 9