

MojiMaths Challenge Cards



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Each emoji represents a number. Find the number each emoji represents. Find the answer to the final calculation.

1. + + = 20

+ + = 27

+ + = 12

+ + =

twinkl.com

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2. + + = 11

+ + = 15

+ + = 21

+ + =

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3. + + = 19

+ + = 15

+ + = 19

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4.

$$\begin{aligned} \text{Skateboarder} + \text{Happy Face} + \text{Skateboarder} &= 27 \\ \text{Skateboarder} + \text{Skateboarder} + \text{Skateboarder} &= 30 \\ \text{Angry Face} + \text{Angry Face} + \text{Happy Face} &= 19 \\ \text{Skateboarder} + \text{Angry Face} + \text{Happy Face} &= \square \end{aligned}$$

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5.

$$\begin{aligned} \text{Surprised Face} + \text{Surprised Face} + \text{Angry Face} &= 17 \\ \text{Angry Face} + \text{Disappointed Face} + \text{Angry Face} &= 26 \\ \text{Disappointed Face} + \text{Disappointed Face} + \text{Disappointed Face} &= 24 \\ \text{Angry Face} + \text{Disappointed Face} + \text{Surprised Face} &= \square \end{aligned}$$

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6.

$$\begin{aligned} \text{OK Hand} + \text{Smiling Face with Sweat Drops} + \text{Smiling Face with Sweat Drops} &= 11 \\ \text{Smiling Face with Sweat Drops} + \text{Smiling Face with Sweat Drops} + \text{Disappointed Face} &= 15 \\ \text{OK Hand} + \text{OK Hand} + \text{OK Hand} &= 21 \\ \text{Smiling Face with Sweat Drops} + \text{Disappointed Face} + \text{OK Hand} &= \square \end{aligned}$$

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7.

$$\begin{aligned} \text{Crying Face} + \text{Surprised Face} + \text{Crying Face} &= 23 \\ \text{Surprised Face} + \text{Surprised Face} + \text{Surprised Face} &= 33 \\ \text{Flexing Bicep} + \text{Surprised Face} + \text{Crying Face} &= 24 \\ \text{Crying Face} + \text{Crying Face} + \text{Flexing Bicep} &= \square \end{aligned}$$

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8.

$$\begin{aligned} \text{Boy} + \text{Cat} + \text{Boy} &= 23 \\ \text{Boy} + \text{Girl} + \text{Girl} &= 26 \\ \text{Cat} + \text{Cat} + \text{Cat} &= 9 \\ \text{Boy} + \text{Cat} + \text{Girl} &= \square \end{aligned}$$

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9.

$$\begin{aligned} \text{Sad} + \text{Happy} + \text{Sad} &= 19 \\ \text{Sad} + \text{Sad} + \text{Sad} &= 27 \\ \text{Sad} + \text{?} + \text{?} &= 19 \\ \text{Sad} + \text{Happy} + \text{?} &= \square \end{aligned}$$

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10.

$$\begin{aligned} \text{Skateboarder} + \text{Smiley} + \text{Smiley} &= 19 \\ \text{Smiley} + \text{Smiley} + \text{Angry} &= 15 \\ \text{Smiley} + \text{Smiley} + \text{Smiley} &= 6 \\ \text{Skateboarder} + \text{Angry} + \text{Skateboarder} &= \square \end{aligned}$$

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11.

$$\begin{aligned} \text{Crying} + \text{Smiley} + \text{Angry} &= 27 \\ \text{Angry} + \text{Crying} + \text{Angry} &= 30 \\ \text{Angry} + \text{Angry} + \text{Angry} &= 18 \\ \text{Smiley} + \text{Crying} + \text{Smiley} &= \square \end{aligned}$$

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12. $\text{😄} + \text{😄} + \text{😊} = 26$

$\text{😊} + \text{😊} + \text{😊} = 36$

$\text{😬} + \text{😬} + \text{😊} = 24$

$\text{😊} + \text{😬} + \text{😄} = \square$

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13. $\text{😡} + \text{😡} + \text{😮} = 10$

$\text{👌} + \text{😮} + \text{👌} = 36$

$\text{😮} + \text{😮} + \text{😮} = 24$

$\text{👌} + \text{😡} + \text{😮} = \square$

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14. $\text{🛹} + \text{😊} + \text{🛹} = 35$

$\text{😓} + \text{🛹} + \text{🛹} = 28$

$\text{😊} + \text{😊} + \text{😊} = 63$

$\text{😊} + \text{😓} + \text{🛹} = \square$

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15. $\text{😞} + \text{💪} + \text{😞} = 123$

$\text{😓} + \text{💪} + \text{💪} = 203$

$\text{😓} + \text{😓} + \text{😓} = 3$

$\text{💪} + \text{😞} + \text{😓} = \square$

MojiMaths Challenge Card Answers

1. $9 + 2 + 9 = 20$
 $9 + 9 + 9 = 27$
 $2 + 5 + 5 = 12$
 $9 + 2 + 5 = \mathbf{16}$

2. $7 + 2 + 2 = 11$
 $2 + 2 + 11 = 15$
 $7 + 7 + 7 = 21$
 $2 + 11 + 7 = \mathbf{20}$

3. $6 + 7 + 6 = 19$
 $5 + 5 + 5 = 15$
 $7 + 7 + 5 = 19$
 $6 + 5 + 7 = \mathbf{18}$

4. $10 + 7 + 10 = 27$
 $10 + 10 + 10 = 30$
 $6 + 6 + 7 = 19$
 $10 + 6 + 7 = \mathbf{23}$

5. $4 + 4 + 9 = 17$
 $9 + 8 + 9 = 26$
 $8 + 8 + 8 = 24$
 $9 + 8 + 4 = \mathbf{21}$

6. $7 + 2 + 2 = 11$
 $2 + 2 + 11 = 15$
 $7 + 7 + 7 = 21$
 $2 + 11 + 7 = \mathbf{20}$

7. $6 + 11 + 6 = 23$
 $11 + 11 + 11 = 33$
 $7 + 11 + 6 = 24$
 $6 + 6 + 7 = \mathbf{19}$

8. $10 + 3 + 10 = 23$
 $10 + 8 + 8 = 26$
 $3 + 3 + 3 = 9$
 $10 + 3 + 8 = \mathbf{21}$

9. $9 + 1 + 9 = 19$
 $9 + 9 + 9 = 27$
 $9 + 5 + 5 = 19$
 $9 + 1 + 5 = \mathbf{15}$

10. $15 + 2 + 2 = 19$
 $2 + 2 + 11 = 15$
 $2 + 2 + 2 = 6$
 $15 + 11 + 15 = \mathbf{41}$

11. $18 + 3 + 6 = 27$
 $6 + 18 + 6 = 30$
 $6 + 6 + 6 = 18$
 $3 + 18 + 3 = \mathbf{24}$

12. $7 + 7 + 12 = 26$
 $12 + 12 + 12 = 36$
 $6 + 6 + 12 = 24$
 $12 + 6 + 7 = \mathbf{25}$

13. $1 + 1 + 8 = 10$
 $14 + 8 + 14 = 36$
 $8 + 8 + 8 = 24$
 $14 + 1 + 8 = \mathbf{23}$

14. $7 + 21 + 7 = 35$
 $14 + 7 + 7 = 28$
 $21 + 21 + 21 = 63$
 $21 + 14 + 7 = \mathbf{42}$

15. $11 + 101 + 11 = 123$
 $1 + 101 + 101 = 203$
 $1 + 1 + 1 = 3$
 $101 + 11 + 1 = \mathbf{113}$