

Addieren

1 Die Zahlen haben das gleiche Vorzeichen. Addiere.

a) <table border="1" style="border-collapse: collapse; width: 100%; text-align: center;"> <tr><td> </td><td>(</td><td>+</td><td>4</td><td>)</td><td>+</td><td>(</td><td>+</td><td>5</td><td>)</td></tr> <tr><td colspan="10"> </td></tr> <tr><td>=</td><td>+</td><td>(</td><td>4</td><td>+</td><td>5</td><td>)</td><td>=</td><td>+</td><td>9</td></tr> <tr><td colspan="10"> </td></tr> <tr><td colspan="10"> </td></tr> </table>		(+	4)	+	(+	5)											=	+	(4	+	5)	=	+	9																					b) <table border="1" style="border-collapse: collapse; width: 100%; text-align: center;"> <tr><td> </td><td>(</td><td>-</td><td>4</td><td>)</td><td>+</td><td>(</td><td>-</td><td>5</td><td>)</td></tr> <tr><td colspan="10"> </td></tr> <tr><td>=</td><td>-</td><td>(</td><td>4</td><td>+</td><td>5</td><td>)</td><td>=</td><td>-</td><td>9</td></tr> <tr><td colspan="10"> </td></tr> <tr><td colspan="10"> </td></tr> </table>		(-	4)	+	(-	5)											=	-	(4	+	5)	=	-	9																					c) <table border="1" style="border-collapse: collapse; width: 100%; text-align: center;"> <tr><td> </td><td>(</td><td>+</td><td>7</td><td>)</td><td>+</td><td>(</td><td>+</td><td>3</td><td>)</td></tr> <tr><td colspan="10"> </td></tr> <tr><td colspan="10"> </td></tr> <tr><td colspan="10"> </td></tr> </table>		(+	7)	+	(+	3)																														
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2 Überlege zuerst, ob das Ergebnis positiv oder negativ ist. Berechne anschließend.

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3 Berechne mit der vereinfachten Schreibweise.

a) $7 + (-2) = 7 - 2 = 5$	b) $-8 + 6 =$ _____	c) $3 + (-8) =$ _____
d) $-5 + (-3) =$ _____	e) $9 + (-7) =$ _____	f) $-4 + 9 =$ _____

4 Berechne im Kopf.

a) $-18 + (-23) = -41$	b) $28 + (-12) =$ _____	c) $-14 + (-22) =$ _____
d) $26 + (-16) =$ _____	e) $-19 + (-24) =$ _____	f) $25 + (-17) =$ _____
g) $-13 + (-22) =$ _____	h) $27 + (-15) =$ _____	i) $-13 + (-19) =$ _____

5 Ordne die Lösungen zu.

a) $8,50\text{€} + (-1,50\text{€}) =$ ___ €	b) $(-9,30\text{€}) + 5,70\text{€} =$ ___ €
c) $7,60\text{€} + (-2,40\text{€}) =$ ___ €	d) $(-4,75\text{€}) + 3,25\text{€} =$ ___ €

-3,60 | A

-1,50 | S

5,20 | U

7,00 | M

Lösungswort: _____

Rationale Zahlen | Fördern

Addieren – Lösung

1

a) $(+4) + (+5)$
 $= + (4 + 5)$
 $= + 9$

b) $(-4) + (-5)$
 $= - (4 + 5)$
 $= - 9$

c) $(+7) + (+3)$
 $= + (7 + 3)$
 $= + 10$

d) $(-8) + (-6)$
 $= - (8 + 6)$
 $= - 14$

e) $(+1) + (+9)$
 $= + (1 + 9)$
 $= + 10$

f) $(-2) + (-8)$
 $= - (2 + 8)$
 $= - 10$

2

a) $(+4) + (-5)$
 $= - (5 - 4) = - 1$

b) $(-4) + (+5)$
 $= + (5 - 4) = + 1$

c) $(-8) + (+6)$
 $= - (8 - 6) = - 2$

d) $(-6) + (+1)$
 $= - (6 - 1) = - 5$

e) $(+5) + (-9)$
 $= - (9 - 5) = - 4$

f) $(-2) + (+7)$
 $= + (7 - 2) = + 5$

3

a) $7 + (-2) = 7 - 2 = 5$

b) $-8 + 6 = -2$

c) $3 + (-8) = 3 - 8 = -5$

d) $-5 + (-3) = -5 - 3 = -8$

e) $9 + (-7) = 9 - 7 = 2$

f) $-4 + 9 = 5$

4

a) -41

b) 16

c) -36

d) 10

e) -43

f) 8

g) -35

h) 12

i) -32

5

a) $+7,00 \text{ €}$

b) $-3,60 \text{ €}$

c) $+5,20 \text{ €}$

d) $-1,50 \text{ €}$

Lösungswort: **MAUS**