

Worksheet

04/06/2020

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Problem quickname: 4492

1)

For every term on the left-hand side, find the matching expanded term on the right-hand side! Use the distributive law.

Quick:
4492

	Term 1	→		Term 2
A	$(12-9)/3$	→	4	$12/3-9/3$
B	$(16+12)/4$	→	10	$16/4+12/4$
C	$(18+15)/3$	→	6	$18/3+15/3$
D	$(12-12)/4$	→	7	$12/4-12/4$
E	$(12+36)/6$	→	2	$12/6+36/6$
F	$(30-20)/5$	→	5	$30/5-20/5$
G	$(16+16)/4$	→	8	$16/4+16/4$
H	$(15-6)/3$	→	9	$15/3-6/3$
I	$(15+20)/5$	→	3	$15/5+20/5$
J	$(24-12)/4$	→	1	$24/4-12/4$

2)

For every term on the left-hand side, find the matching expanded term on the right-hand side! Use the distributive law.

Quick:
4492

	Term 1	→		Term 2
A	$(-9+10) \cdot 3$	→	6	$-9 \cdot 3 + 10 \cdot 3$
B	$(12+(-8))/(-4)$	→	5	$12/(-4) + (-8)/(-4)$
C	$(-19-19) \cdot (-3)$	→	8	$-19 \cdot (-3) - 19 \cdot (-3)$
D	$-2 \cdot (10-11)$	→	7	$-2 \cdot 10 - (-2) \cdot 11$
E	$-3 \cdot (-14-(-4))$	→	3	$-3 \cdot (-14) - (-3) \cdot (-4)$
F	$(-14-(-4)) \cdot (-3)$	→	2	$-14 \cdot (-3) - (-4) \cdot (-3)$
G	$(-25-25)/(-5)$	→	9	$-25/(-5) - 25/(-5)$
H	$2 \cdot (-7+(-13))$	→	4	$2 \cdot (-7) + 2 \cdot (-13)$
I	$(-24+24)/6$	→	10	$-24/6 + 24/6$
J	$(30-20)/(-5)$	→	1	$30/(-5) - 20/(-5)$

3)

For every term on the left-hand side, find the matching expanded term on the

Quick:
4492

right-hand side! Use the distributive law.

	Term 1	→		Term 2
A	$-3 \cdot (17+9)$	→	10	$-3 \cdot 17 + (-3) \cdot 9$
B	$-5 \cdot (-14+7)$	→	5	$-5 \cdot (-14) + (-5) \cdot 7$
C	$5 \cdot (-16+-15)$	→	6	$5 \cdot (-16) + 5 \cdot (-15)$
D	$(-16+-15) \cdot 5$	→	1	$-16 \cdot 5 + (-15) \cdot 5$
E	$5 \cdot (8+13)$	→	9	$5 \cdot 8 + 5 \cdot 13$
F	$(8+13) \cdot 5$	→	8	$8 \cdot 5 + 13 \cdot 5$
G	$(-10+-6) \cdot 4$	→	3	$-10 \cdot 4 + (-6) \cdot 4$
H	$(16+7) \cdot (-5)$	→	4	$16 \cdot (-5) + 7 \cdot (-5)$
I	$4 \cdot (-6+-18)$	→	7	$4 \cdot (-6) + 4 \cdot (-18)$
J	$-2 \cdot (-9+8)$	→	2	$-2 \cdot (-9) + (-2) \cdot 8$

4)

For every term on the left-hand side, find the matching expanded term on the right-hand side! Use the distributive law.

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	Term 1	→		Term 2
A	$-4 \cdot (-18-10)$	→	7	$-4 \cdot (-18) - (-4) \cdot 10$
B	$-3 \cdot (-20-(-7))$	→	5	$-3 \cdot (-20) - (-3) \cdot (-7)$
C	$(-20-(-7)) \cdot (-3)$	→	8	$-20 \cdot (-3) - (-7) \cdot (-3)$
D	$-3 \cdot (13-7)$	→	6	$-3 \cdot 13 - (-3) \cdot 7$
E	$-6 \cdot (-6-(-9))$	→	3	$-6 \cdot (-6) - (-6) \cdot (-9)$
F	$-3 \cdot (-10-19)$	→	9	$-3 \cdot (-10) - (-3) \cdot 19$
G	$2 \cdot (-6-(-2))$	→	2	$2 \cdot (-6) - 2 \cdot (-2)$
H	$-3 \cdot (-5-9)$	→	10	$-3 \cdot (-5) - (-3) \cdot 9$
I	$(15-(-4)) \cdot 3$	→	1	$15 \cdot 3 - (-4) \cdot 3$
J	$3 \cdot (15-(-4))$	→	4	$3 \cdot 15 - 3 \cdot (-4)$

Good Luck!