# Worksheet

01/19/2020

Free on dw-math.com

Problem quickname: 5330

1)

Quick: 5330

For every term on the left hand side, find the matching term on the right.

| | Term 1 | | | Term 2 |
|---|---|---|---|---|
| A | $(15+x)^2$ | $\rightarrow$ | 2 | $x^2+30x+225$ |
| B | $(11-x)^2$ | $\rightarrow$ | 4 | $x^2-22x+121$ |
| C | $(x+y)^2$ | $\rightarrow$ | 8 | $x^2+2xy+y^2$ |
| D | $(10-a)^2$ | $\rightarrow$ | 10 | $a^2-20a+100$ |
| E | $(b-a)^2$ | $\rightarrow$ | 1 | $a^2-2ab+b^2$ |
| F | $(y+x)^2$ | $\rightarrow$ | 9 | $x^2+2xy+y^2$ |
| G | $(a+b)^2$ | $\rightarrow$ | 6 | $a^2+2ab+b^2$ |
| H | $(x+16)^2$ | $\rightarrow$ | 7 | $x^2+32x+256$ |
| I | $(y-x)^2$ | $\rightarrow$ | 5 | $x^2-2xy+y^2$ |
| J | $(a-15)^2$ | $\rightarrow$ | 3 | $a^2-30a+225$ |

2)

Quick: 5330

For every term on the left hand side, find the matching term on the right.

| | Term 1 | | | Term 2 |
|---|---|---|---|---|
| A | $(x+y)(x-y)$ | $\rightarrow$ | 8 | $x^2-y^2$ |
| B | $(5-x)^2$ | $\rightarrow$ | 7 | $x^2-10x+25$ |
| C | $(b-a)^2$ | $\rightarrow$ | 10 | $a^2-2ab+b^2$ |
| D | $(a+11)(a-11)$ | $\rightarrow$ | 6 | $a^2-121$ |
| E | $(x+6)(x-6)$ | $\rightarrow$ | 9 | $x^2-36$ |
| F | $(x+12)(x-12)$ | $\rightarrow$ | 2 | $x^2-144$ |
| G | $(8-a)^2$ | $\rightarrow$ | 5 | $a^2-16a+64$ |
| H | $(y-x)^2$ | $\rightarrow$ | 4 | $x^2-2xy+y^2$ |
| I | $(x-y)^2$ | $\rightarrow$ | 3 | $x^2-2xy+y^2$ |
| J | $(11-a)^2$ | $\rightarrow$ | 1 | $a^2-22a+121$ |

3)

Quick: 5330

For every term on the left hand side, find the matching term on the right.

| | Term 1 | | | Term 2 |
|---|---|---|---|---|
| A | $(y-x)^2$ | $\rightarrow$ | 2 | $x^2-2xy+y^2$ |
| B | $(b-a)^2$ | $\rightarrow$ | 8 | $a^2-2ab+b^2$ |
| C | $(a+19)^2$ | $\rightarrow$ | 7 | $a^2+38a+361$ |
| D | $(x-4)^2$ | $\rightarrow$ | 9 | $x^2-8x+16$ |
| E | $(x+16)^2$ | $\rightarrow$ | 4 | $x^2+32x+256$ |
| F | $(b+a)^2$ | $\rightarrow$ | 10 | $a^2+2ab+b^2$ |
| G | $(7-a)^2$ | $\rightarrow$ | 5 | $a^2-14a+49$ |
| H | $(x+y)^2$ | $\rightarrow$ | 6 | $x^2+2xy+y^2$ |
| I | $(17-a)^2$ | $\rightarrow$ | 1 | $a^2-34a+289$ |
| J | $(y+x)^2$ | $\rightarrow$ | 3 | $x^2+2xy+y^2$ |

4)

Quick: 5330

For every term on the left hand side, find the matching term on the right.

| | Term 1 | | | Term 2 |
|---|---|---|---|---|
| A | $(y-x)^2$ | $\rightarrow$ | 2 | $x^2-2xy+y^2$ |
| B | $(x-15)^2$ | $\rightarrow$ | 4 | $x^2-30x+225$ |
| C | $(10-x)^2$ | $\rightarrow$ | 1 | $x^2-20x+100$ |
| D | $(y+x)(y-x)$ | $\rightarrow$ | 8 | $y^2-x^2$ |
| E | $(a+9)^2$ | $\rightarrow$ | 10 | $a^2+18a+81$ |
| F | $(a+16)^2$ | $\rightarrow$ | 7 | $a^2+32a+256$ |
| G | $(x+12)(x-12)$ | $\rightarrow$ | 5 | $x^2-144$ |
| H | $(12+x)(12-x)$ | $\rightarrow$ | 9 | $144-x^2$ |
| I | $(x-y)^2$ | $\rightarrow$ | 6 | $x^2-2xy+y^2$ |
| J | $(4+a)^2$ | $\rightarrow$ | 3 | $a^2+8a+16$ |

Good Luck!