

"What happened to the passengers when one red ship collided with one blue ship?"

Simplify the following expressions. The answer to each problem will match a letter that will allow you to figure out the joke.

1. $\sqrt{-25} = 5i$

O: $-2 + 2i$

2. $\sqrt{-18} = 3i\sqrt{2}$

X: $-2 + 6i$

3. $-2 + \sqrt{-9} = -2 + 3i$

W: $-12i\sqrt{3}$

R: $4 + 3i$

4. $-4\sqrt{-27} = -4 \cdot 3i\sqrt{3} = -12i\sqrt{3}$

M: $6 - i\sqrt{5}$

Y: $5i$

5. $3 - \sqrt{-14} = 3 - i\sqrt{14}$

L: $-6 - 5i$

6. $(8 - 7i) + (6 - 3i) = 14 - 10i$

T: $-2 + 3i$

N: $-8 + 2i$

7. $(2 + 10i) - (-2 + 7i) = 2 + 10i + 2 - 7i = 4 + 3i$

A: $3i\sqrt{2}$

G: $14 - 2i$

8. $(-5 + i) - (3 - i) = -5 + i - 3 + i = -8 + 2i$

C: $10i$

9. $(4 + \sqrt{-25}) + (-6 - \sqrt{-9}) = (4 + 5i) + (-6 - 3i) = -2 + 2i$

H: $14 - 10i$

D: $3 - i\sqrt{14}$

10. $(-6 + 2\sqrt{-36}) - (8 - 2\sqrt{-81}) = (-6 + 2 \cdot 6i) - (8 - 2 \cdot 9i) = -6 + 12i - 8 + 18i = -14 + 30i$

E: $-14 + 30i$

11. $(7 - 4\sqrt{-5}) - (1 - 3\sqrt{-5}) = 7 - 4i\sqrt{5} - 1 + 3i\sqrt{5} = 6 - i\sqrt{5}$

T H E Y W E R E
3 6 10 1 4 10 7 10

M A R O O N E D
11 2 7 9 9 8 10 5

Answer: _____