



PERSON PUZZLE MULTIPLYING RADICALS

NAME _____ DATE _____

MALALA YOUSAFZAI

An outspoken activist for the education of girls, Malala Yousafzai (1997 –) used a blog to speak out against Taliban rule in her country. Yousafzai's rise to notoriety made her a target of the Taliban and they attempted to assassinate her in 2012. Yousafzai continues to recuperate from the attack and in 2013 became the youngest nominee for the Nobel Peace Prize in history.



DIRECTIONS: Simplify each radical expression completely. The word or phrase next to the equivalent answers will complete the statement correctly.

1. $(\sqrt{2})(\sqrt{6})$

Malala Yousafzai was born in _____, Pakistan.

- a. $\sqrt{12}$ Hangu
- b. $2\sqrt{3}$ Mingora
- c. $\sqrt{26}$ Peshawar

2. $(\sqrt{10})(\sqrt{15})$

In addition to primary schooling, Yousafzai was educated by her _____.

- a. $\sqrt{150}$ brother
- b. $5\sqrt{6}$ father
- c. $25\sqrt{6}$ uncle

3. $(-3\sqrt{5})(\sqrt{20})$

In 2009, Yousafzai began to write for _____ as an anonymous blogger about living under Taliban rule.

- a. $-\sqrt{300}$ Al Jazeera
- b. -30 the BBC
- c. $-3\sqrt{100}$ USA Today

4. $(7\sqrt{18})(2\sqrt{15})$

Yousafzai's blog post on the _____ fought between Pakistan and the Taliban gained her notoriety.

- a. $42\sqrt{30}$ First Battle of Swat
- b. $14\sqrt{270}$ Second War of Shangla
- c. $17\sqrt{30}$ Third Fight of Matta

5. $(\sqrt{12x^2})(\sqrt{45x})$

On January 15, 2009 the Taliban ruled that no _____ would be allowed to attend school

- a. $9x\sqrt{11x^2}$ children
- b. $6x\sqrt{15x}$ girls
- c. $x^2\sqrt{540x}$ peasants

6. $(2\sqrt{7d^3})(3\sqrt{28d})$

Yousafzai and her family were approached by a _____ reporter about filming a documentary.

- a. $6\sqrt{196d^4}$ *Boston Globe*
- b. $84d^2$ *New York Times*
- c. $24d\sqrt{14d}$ *Washington Post*

7. $(-5\sqrt{150xy})(-2\sqrt{6x^2})$

On _____, 2012 the Taliban boarded Yousafzai's school bus and shot her in the head.

- a. $30x\sqrt{10x^2y}$ September 13
- b. $-10xy\sqrt{110x}$ October 1
- c. $300x\sqrt{xy}$ October 9

8. $(\sqrt{2a^2b^3})(\sqrt{6ac^5})(\sqrt{5ab^3c^4})$

Her assassination attempt created a worldwide outcry. In 2013, Yousafzai gave an impassioned speech to the United Nations about the importance of _____.

- a. $ab^3c^2\sqrt{15c}$ counter-terrorism
- b. $2a^2b^3c^4\sqrt{15c}$ education for girls
- c. $a^2b^3c^4\sqrt{30c}$ national security



PERSON PUZZLE



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**MALALA
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Answer Key

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