



PERSON PUZZLE MULTIPLYING MONOMIALS

NAME _____ DATE _____

IRENA SENDLER

Serving Jewish children in German occupied territory during World War II, Irena Sendler (1910-2008) was a Roman-Catholic nurse and social worker. Widely recognized for a heart dedicated to serving others, Sendler once stated, "Every child saved with my help is the justification of my existence on this Earth, and not a title to glory."



DIRECTIONS: Simplify the following expressions. The word or phrase next to the equivalent expression will complete the statement correctly.

1. $(3x^2)(10x^4)$

Irena Sendler was born in _____, Poland in 1910.

- a. $13x^8$ Krakow
- b. $30x^8$ Lodz
- c. $30x^6$ Warsaw

2. $(a^5b^7)(a^3b^6)$

She studied _____ at Warsaw University.

- a. $a^{53}b^{76}$ education
- b. $a^{15}b^{42}$ medicine
- c. a^8b^{13} Polish literature

3. $(5m^3n^7)(8mn^4)$

Sendler was suspended from the school as a result of her protest against the _____; a form of segregation in the seating of students.

- a. $40m^3n^{11}$ gender divide system
- b. $40m^4n^{11}$ ghetto-bench system
- c. $13m^5n^{10}$ nationalized row system

4. $(\frac{1}{2}x^5y^3)(4x^2y)(3x)$

During World War II, she served as head of the Jewish children's section of Zegota, an underground _____ organization.

- a. $2x^7y^3$ financial aid
- b. $6x^8y^4$ resistance
- c. $6x^7y^3$ social welfare

5. $(-3x^4)^2$

Undercover as a plumbing specialist, Sendler smuggled Jewish infants out of the ghettos in a _____.

- a. $-9x^8$ burlap sack
- b. $9x^6$ raincoat
- c. $9x^8$ tool box

6. $(\frac{1}{4}a^4b^5)^2$

With the assistance of other Zegota members, Sendler saved roughly _____ Jewish children during the Holocaust.

- a. $\frac{1}{4}a^8b^{10}$ 25
- b. $16a^6b^7$ 250
- c. $\frac{1}{16}a^8b^{10}$ 2,500

7. $(5xy^3)^2(2x^5y^2)^3$

When she was discovered by the Nazis she was beaten and suffered _____.

- a. $200x^{17}y^{12}$ broken arms and legs
- b. $10x^{12}y^{10}$ internal bleeding
- c. $150x^{15}y^{14}$ loss of hearing

8. $(\frac{1}{2}m^3n^2)^2(8mn)(-2m^4n^6)$

In 1999, high school students in Kansas staged a play based on Sendler's life, titled _____ which was adapted to a Hollywood film.

- a. $4m^8n^6$ *Holocaust Heroine*
- b. $-4m^{11}n^{11}$ *Life in a Jar*
- c. $-8m^{14}n^{12}$ *Underwraps*

SHOW YOUR WORK



1. $(3x^2)(10x^4)$

2. $(a^5b^7)(a^3b^6)$

3. $(5m^3n^7)(8mn^4)$

4. $(\frac{1}{2}x^5y^3)(4x^2y)(3x)$



**IRENA
SENDLER**

5. $(-3x^4)^2$

6. $(\frac{1}{4}a^4b^5)^2$

7. $(5xy^3)^2(2x^5y^2)^3$

8. $(\frac{1}{2}m^3n^2)^2(8mn)(-2m^4n^6)$



PERSON PUZZLE - MULTIPLYING MONOMIALS

NAME _____ DATE _____

IRENA SENDLER

Serving Jewish children in German occupied territory during World War II, Irena Sendler (1910-2008) was a Roman-Catholic nurse and social worker. Widely recognized for a heart dedicated to serving others, Sendler once stated, "Every child saved with my help is the justification of my existence on this Earth, and not a title to glory."



DIRECTIONS: Simplify the following expressions. The word or phrase next to the equivalent expression will complete the statement correctly.

Answer Key

- $(3x^2)(7x^4)$
Irena Sendler was born in _____, Poland in 1910. She studied _____ at Warsaw University.

a. $13x^6$ Krakow
b. $30x^8$ Lodz
c. $30x^6$ Warsaw

a. $a^{53}b^{76}$ education
b. $a^{15}b^{42}$ medicine
c. a^8b^{13} Polish literature
- $(5m^3n^7)(8mn^4)$
Sendler was suspended from the school as a result of her protest against the _____; a form of segregation in the seating of students.

a. $40m^3n^{11}$ gender divide system
b. $40m^4n^{11}$ ghetto-bench system
c. $13m^5n^{10}$ nationalized row system
- $(\frac{1}{2}x^5y^3)(4x^2y)(3x)$
During World War II, she served as head of the Jewish children's section of Zegota, an underground _____ organization.

a. $2x^7y^3$ financial aid
b. $6x^8y^4$ resistance
c. $6x^7y^3$ social welfare
- $(-3x^4)^2$
Undercover as a plumbing specialist, Sendler smuggled Jewish infants out of the ghettos in a _____.

a. $-9x^8$ burlap sack
b. $9x^6$ raincoat
c. $9x^8$ tool box
- $(\frac{1}{4}a^4b^5)^2$
With the assistance of other Zegota members, Sendler saved roughly _____ Jewish children during the Holocaust.

a. $\frac{1}{4}a^8b^{10}$ 25
b. $16a^6b^7$ 250
c. $\frac{1}{16}a^8b^{10}$ 2,500
- $(5xy^3)^2(2x^5y^2)^3$
When she was discovered by the Nazis she was beaten and suffered _____.

a. $200x^{17}y^{12}$ broken arms and legs
b. $10x^{12}y^{10}$ internal bleeding
c. $150x^{15}y^{14}$ loss of hearing
- $(\frac{1}{2}m^3n^2)^2(8mn)(-2m^4n^6)$
In 1999, high school students in Kansas staged a play based on Sendler's life, titled _____ which was adapted to a Hollywood film.

a. $4m^8n^6$ Holocaust Heroine
b. $-4m^{11}n^{11}$ Life in a Jar
c. $-8m^{14}n^{12}$ Underwraps