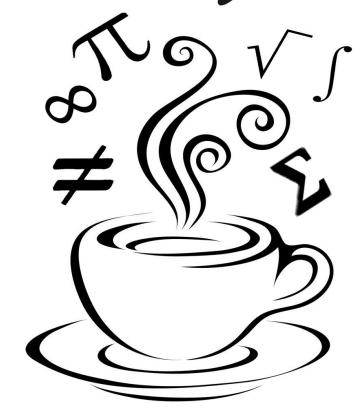
Intersection & Union with Sets and Complements

We're Bruyn Math



Shari Bruyn & Associates

Putting the Fun in the Fundamentals of Math

Set Theory - Intersection & Union with Sets and Complements

What happens when an escalator breaks down? Use the sets given to find the solutions. Cross out the solutions in the grid below to reveal the solution to the riddle. Use these sets to complete the problems.

$$U = \{1,2,3,4,5,6,7,8,9,10\}$$
 $A = \{1,3,7,9\}$

$$A = \{1, 3, 7, 9\}$$

$$C=\{1,3,6\}$$

{3}	{1}	{7,8,10}	{3,7}	{2,4,6,8,10}
RUN	NOT	UP	THE	HI
{4,5,6}	{1,3,6,7,8,10}	{}	{1,3,6,7,9}	{3,4,5,6,7,8,9,10}
NGT	HEY	HE	EWS	УJU
{1,10}	{2,4,5,9}	{1,2,3}	{7,9}	{2,3,4,5,6,7,8,10
ST	TING	TU	BUT	NI
{1,3}	{10}	{1,3,7,8,9,10}	{1,5,10}	{2,3,4,5,7,8,9,10}
QUA	RNI	ING	NTO	ERS
{7}	{9,10}	{3,4,5,6,7,9}	{6}	{2,4,5,6,9}
STR	STA	IRS	STY	LY

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 $A = \{1,3,7,9\}$

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$$C = \{1,3,6\}$$

	{2	2,4	,5	,6	,9}

{3}	{1}	{7,8,10}	{3.7}	{2,4,6,8,10}
RUN	NOT	UP	THE	HI
{4,5,6}	{1,3,6,7,8,10}	{}	{1,3,6,7,9}	{3,4,5,6,7,8,9,10}
NGT	HEY	HE	EW5	УJU
{1,10}	(2459)	{1,2,3}	{7,9}	{2,3,4,5,6,7,8,10
ST	TING	TU	BUT	NI
(1,3)	{10}	{1,3,7,8,9,10}	{1,5,10}	{2,3,4,5,7,8,9,10}
QUA	RNI	ING	NTO	ER5
(7)	{9,10}	{3,4,5,6,7,9}	(6)	{2,4,5,6,9}
STR	STA	IRS	STY	LY

Nothing. They just turn into stairs.