

Online Equation Builder

Using the Online Equation Builder Tool in
ISTEP+ Math Assessments Grade 3-8 and 10



Invitation to Participate

Link to Experience Online:

<http://download.pearsonaccessnext.com/in/in-practicetest.html?links=1>

Show All Work



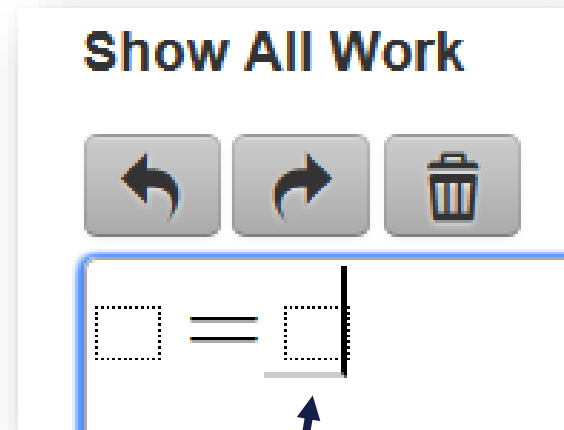
▼ Math symbols

+	-	×	÷
$\frac{\square}{\square}$	$\square \square$	(·)	[·]
=	<	>	≠
\$	°	?	



Helpful Hints

- Students can use the +, -, * (for multiplication), / (for a fraction line) and = symbols from the keyboard with the same results as the tools in the equation builder.
- Dotted boxes appear along with math symbols and indicate places where students can type. Empty dotted boxes within a student response will NOT affect scoring.
- Watch the gray line; it indicates where typing will appear.
- Use the right arrow rather than the space bar when inputting fractions, parentheses, or exponents.



The gray line indicates where typing will appear.



Simple Equations

$$28 + 30 = 58$$

$$28 + \square$$

$$28 + 30 = \square$$

$$28 + 30 = \underline{58}$$



Fractions and Mixed Numbers

$$5 \frac{4}{5} > \frac{2}{5}$$



$$\frac{5}{5} \frac{4}{5}$$

$$5 \frac{4}{5}$$

$$5 \frac{4}{5}$$

$$5 \frac{4}{5}$$

Math symbols

+	-	×	÷
±	-	.	/
=	≠		
y^x	$\sqrt{\quad}$	$\sqrt[3]{\quad}$	π
(.)	°	·	

Mixed Number Option

Fraction Option



Fractions and Mixed Numbers

$$5\frac{4}{5} > \frac{2}{5}$$

Grades 3-5

Math symbols

+	-	×	÷
$\frac{\square}{\square}$	$\frac{\square}{\square}$	(.)	[.]
=	<	>	≠
\$	°	?	

Fraction Option

Grades 6-8, 10

Relations

=	≠	≈	≈
<	>	≈	≈
≤	≥	≈	≈

Geometry

"Greater Than" Symbol

$$5\frac{4}{5} > \square$$

$$5\frac{4}{5} > \square$$

$$5\frac{4}{5} > \frac{2}{5}$$



Exponents and Parenthesis

$$4(2 + 5)^3 - 6^2$$

$$4(\square)$$

$$4(2 + \underline{5})$$

$$4(\underline{2 + 5})$$

$$4(2 + 5)^{\square}$$

$$4(2 + 5)^{\underline{3}}$$

$$4(\underline{2 + 5})^3$$

$$4(2 + 5)^3 - \square$$

$$4(2 + 5)^3 - 6^{\underline{2}}$$



Questions

- Please contact the following staff members if you have questions regarding Mathematics:
 - Mary Williams, Grades 3-5, at mwilliams@doe.in.gov.
 - Joe Staten, Grades 6-8 and 10, at jstaten@doe.in.gov.
- For other questions, please contact the Office of Student Assessment by calling 317-232-9050 or via email at Inassessments@doe.in.gov.