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## GRADE 8 – TIER 2 – EMERGING

An eighth grade Tier 2 student performing at the *Emerging* Level demonstrates a progressing academic awareness of the knowledge, skills, and processes outlined by the Pennsylvania Alternate Eligible Content.

Students performing at this level demonstrate these abilities by

- ✓ identifying a 2-dimensional figure that has been rotated, reflected, or translated,
- ✓ identifying an equation that matches a two-step, real-world addition problem with whole numbers.

## GRADE 8 – TIER 2 – NOVICE

An eighth grade Tier 2 student performing at the *Novice* Level demonstrates a developing academic awareness of the knowledge, skills, and processes outlined by the Pennsylvania Alternate Eligible Content.

In addition to the skills demonstrated by students performing at the *Emerging* level, students performing at this level demonstrate these abilities by

- ✓ identifying the 3-dimensional figure that has been rotated, reflected, or translated,
- ✓ identifying data by reading a two-way table,
- ✓ identifying an equation that matches a two-step, real-world problem subtraction with whole numbers,

## GRADE 8 – TIER 2 – PROFICIENT

An eighth grade Tier 2 student performing at the *Proficient* Level demonstrates a fundamental academic awareness of the knowledge, skills, and processes outlined by the Pennsylvania Alternate Eligible Content.

In addition to the skills demonstrated by students performing at the *Novice* level, students performing at this level demonstrate these abilities by

- ✓ identifying the solution to two-step, real-world addition or subtraction problems with visual support,
- ✓ identifying where the line crosses the y axis,
- ✓ identifying the meaning of a squared or cubed number in exponential form,
- ✓ identifying the length/distance of the longest side of a right triangle in a real-world problem,
- ✓ identifying the approximate location of a non-terminating decimal on a number line,
- ✓ comparing two proportional relationships on a graph to determine similarities or differences,
- ✓ identifying the volume of a three-dimensional shape given a formula and visual model.

## GRADE 8 – TIER 2 – ADVANCED

An eighth grade Tier 2 student performing at the *Advanced* Level demonstrates a consistent academic awareness of the knowledge, skills, and processes outlined by the Pennsylvania Alternate Eligible Content.

In addition to the skills demonstrated by students performing at the *Proficient* level, students performing at this level demonstrate these abilities by

- ✓ identifying a decimal to the hundredths place and the equivalent fraction,
- ✓ identifying a statement that describes the relationship between variables displayed on a scatterplot,
- ✓ identifying data that represents a cross-section of a two-way table.