Introduction to Pearson Perspective

Ann Page | Math Assessment Specialist

Angela Hochstetter | Math Assessment Specialist

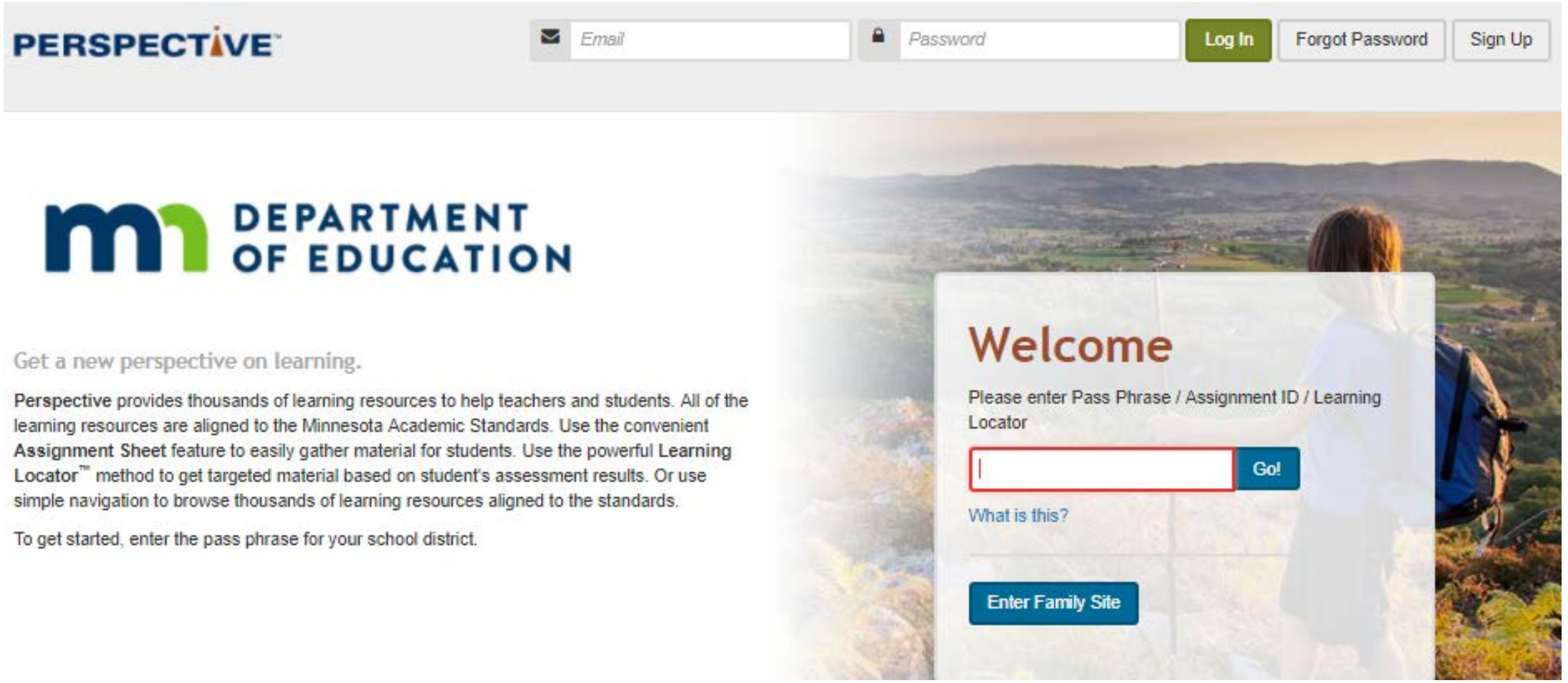
Holly Pope | Outreach & Training Specialist

Pearson Perspective – Learning Resources

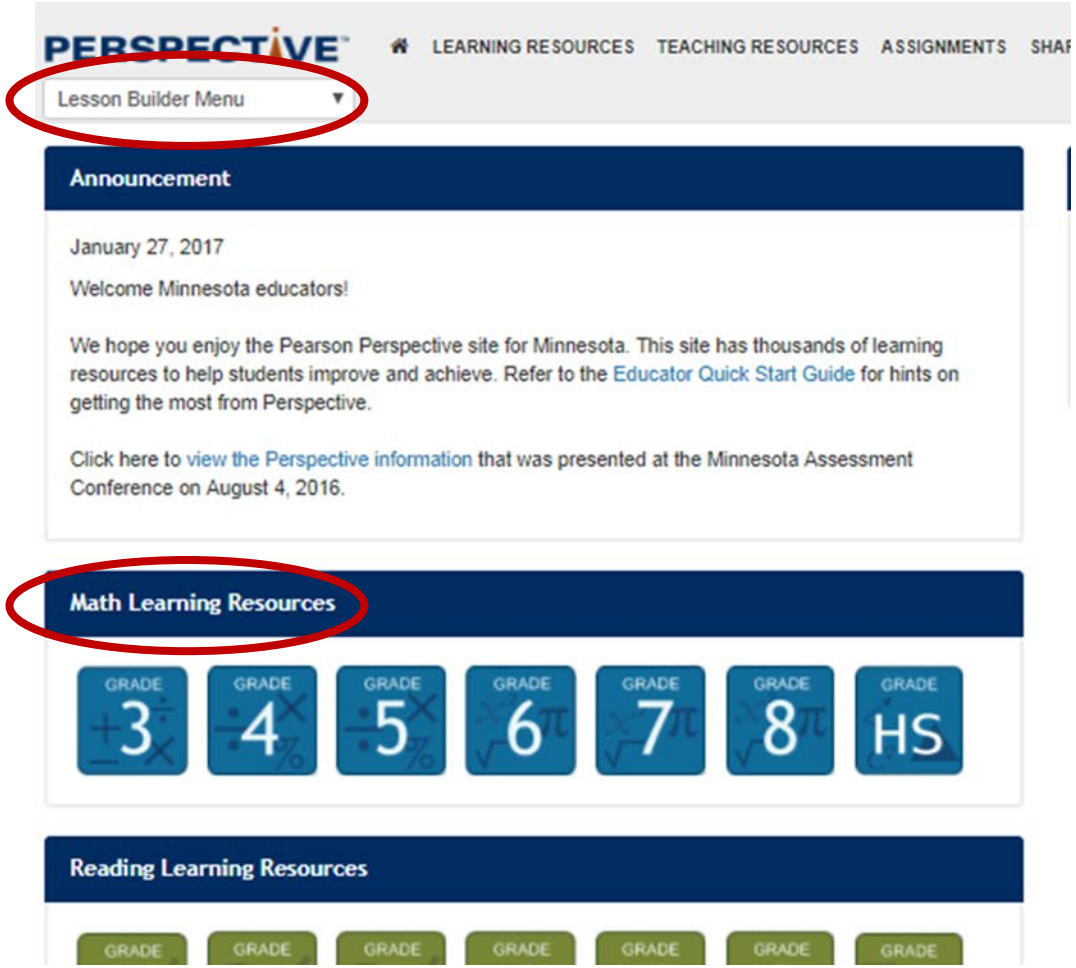
- Perspective is not new, but more items have been added
- Perspective contains thousands of resources
- There are three main functions to support educators:
    1. Lesson Builder Tool
    2. Learning Locator
    3. Test Builder Tool
- Pearson Perspective Homepage

Pearson Perspective – Access

Educator Pass Phrase: MN_edu

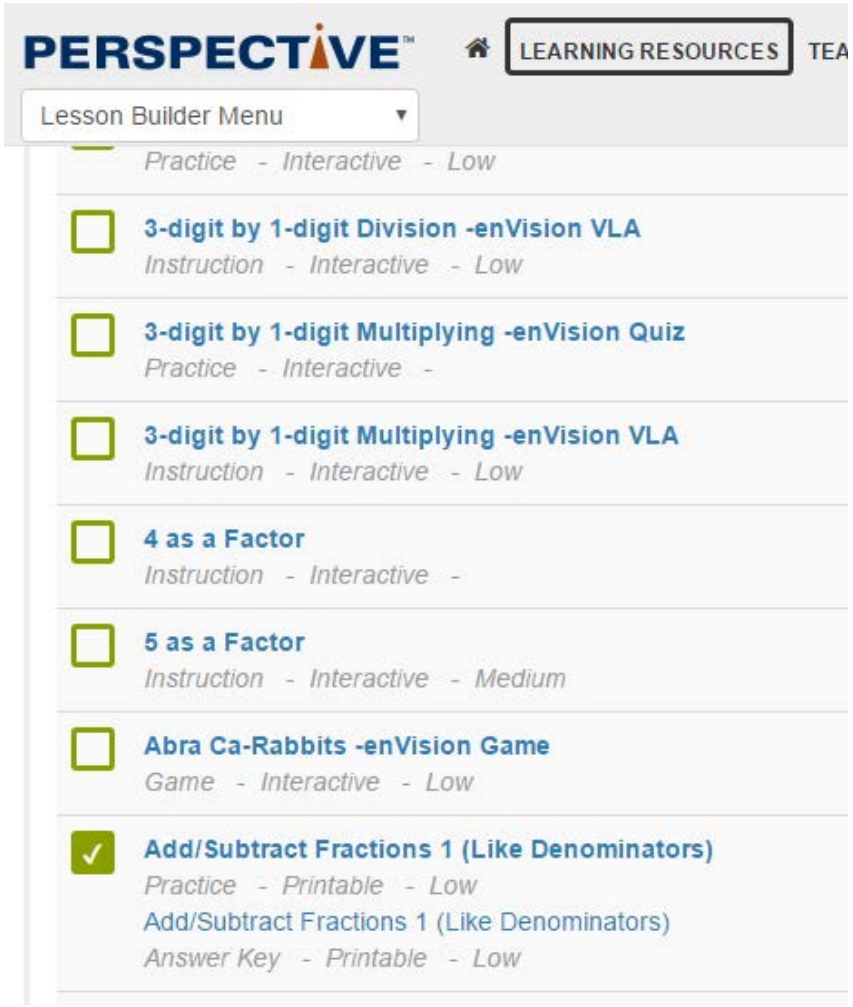


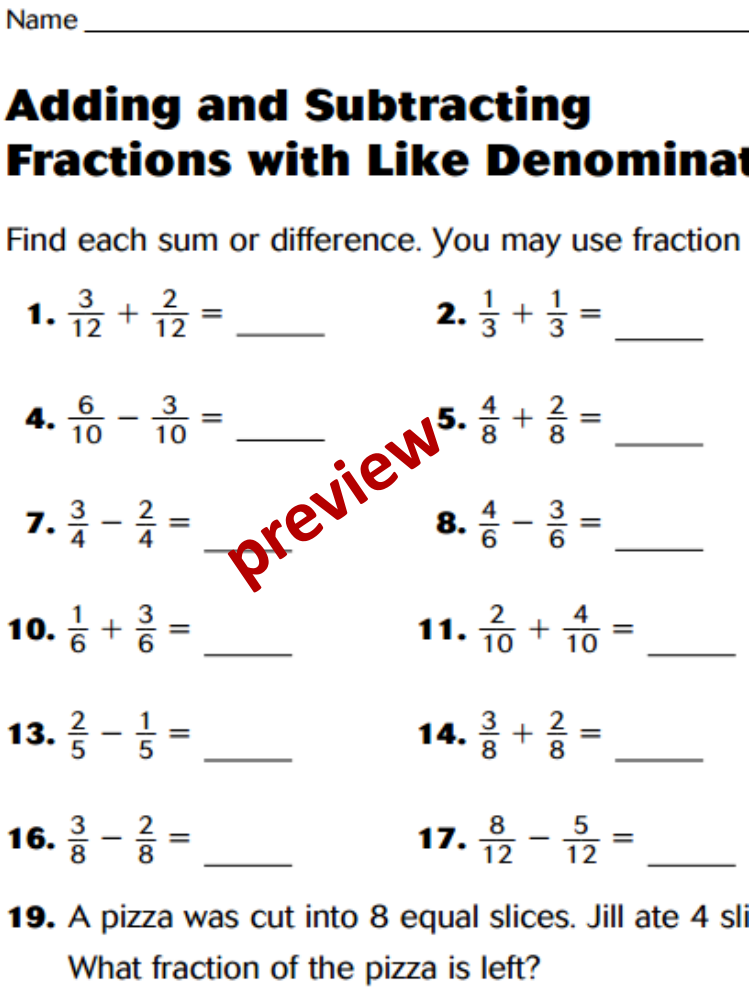
Pearson Perspective – Lesson Builder



- Select Lesson Builder from the drop down options
- Select the content area you wish to explore learning resources

Pearson Perspective – Preview Lessons





Pearson Perspective – Resource Types

- **Angles: Parallel lines & Traversal**
  Instruction - Video - Medium
- **Basics of inequalities**
  Instruction - Video -
- **Comparing fractions**
  Instruction - Video - Medium
- **Comparing fractions w/ different denominators**
  Instruction - Video -
- **Converting 0.001% to a fraction**
  Practice - Video -

1 More or Less
10 More or Less

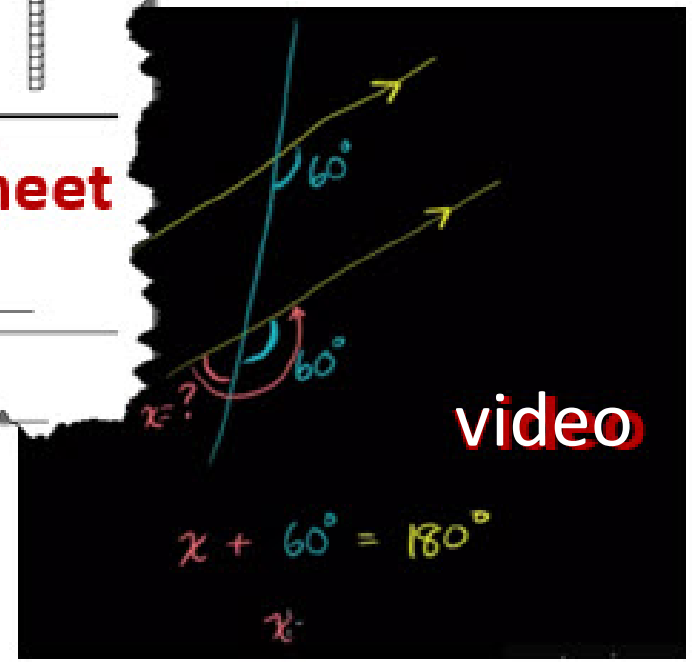
Example

27 1 more is 28 45 10 more is 55

Write how many.
Use tens and ones if you like.

worksheet

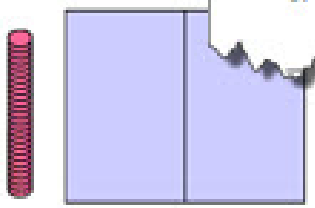
1. 36 1 more is _____
2. 56 1 less is _____
3. 29 10 more is _____
4. 60 10 less is _____



video

interactive

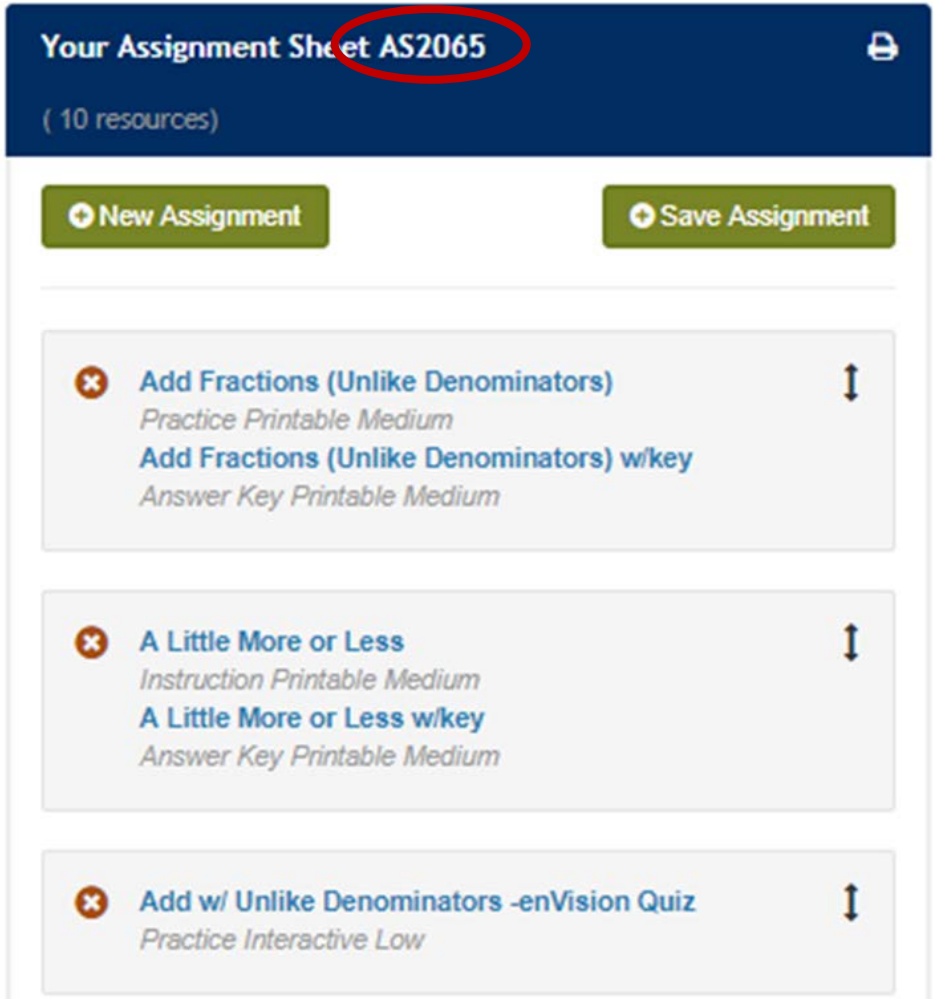
: of the left side equals the value of
balance number sentences.



$n + 6 = 13$

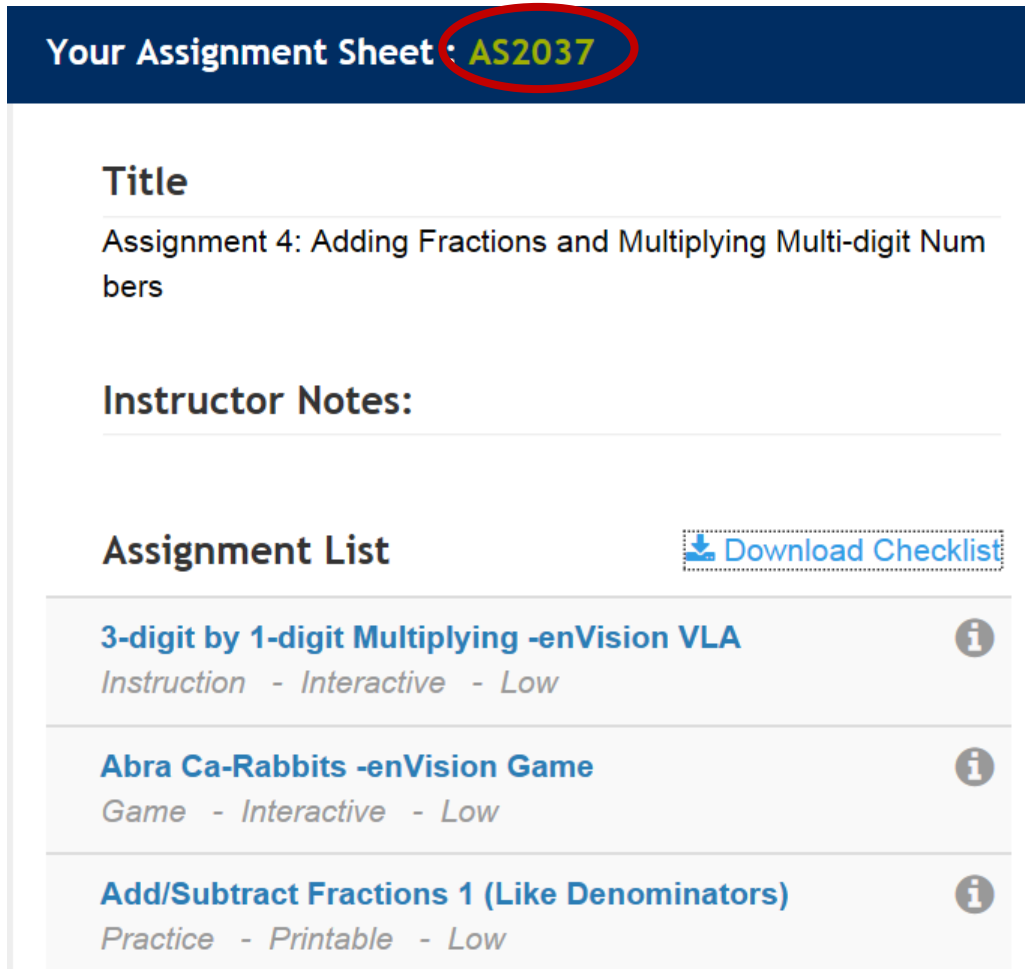
Find the value of n.

Pearson Perspective – Generated Code



- An Assignment Sheet code is automatically generated after the creation of a lesson or test.
- Educators can share this code with students or colleagues.

Pearson Perspective – Assignment Sheet



- Students can use the code to access assignments pre-selected by their teachers.
- Colleagues can use the code to access the assignment and manipulate to match their students' needs.

Pearson Perspective – Learning Locator Codes (1)

- Customized for each student based on Minnesota Comprehensive Assessment (MCA) performance
- Code is located on Individual Student Report (ISR)

MATHEMATICS: Performance Details

MATHEMATICS AREA	DESCRIPTION	PERFORMANCE
Number and Operation:	May include understanding meanings of numbers and operations; computing fluently and making reasonable estimates.	At or Near Expectations
Algebra:	Demonstrate understanding of models to understand, represent and analyze patterns, relations, and functions.	Above Expectations
Geometry and Measurement:	May include analyzing properties of geometric shapes; understanding the units, systems, and process of measurement.	Above Expectations
Data Analysis and Probability:	May include organizing and displaying data questions; understanding and applying basic concepts of probability.	Above Expectations

Mathematics ***Learning Locator***™(*) **426843**

PARENT AND STUDENT RESOURCES

* Use the ***Learning Locator***™ code(s) provided for each subject to select resources mapped specifically to your student's test results. At **mn.pearsonperspective.com/perspective**, use the online learning resources provided to guide your student's learning; return as often as you like and be an active participant in your student's educational progress.

Pearson Perspective – Learning Locator Codes (2)

- Resources are selected based on student MCA performance
- Code is assigned from master list

	Numbers & Operation	Algebra	Geometry	Data Analysis	
M3018	Does Not Meet	Partially Meets	Does Not Meet	Partially Meets	Math 3
M3019	Does Not Meet	Partially Meets	Does Not Meet	Meets	Math 3
M3020	Does Not Meet	Partially Meets	Does Not Meet	Exceeds	Math 3
M3021	Does Not Meet	Partially Meets	Partially Meets	Does Not Meet	Math 3
M3022	Does Not Meet	Partially Meets	Partially Meets	Partially Meets	Math 3
M3023	Does Not Meet	Partially Meets	Partially Meets	Meets	Math 3
M3024	Does Not Meet	Partially Meets	Partially Meets	Exceeds	Math 3
M3025	Does Not Meet	Partially Meets	Meets	Does Not Meet	Math 3
M3026	Does Not Meet	Partially Meets	Meets	Partially Meets	Math 3
M3027	Does Not Meet	Partially Meets	Meets	Meets	Math 3
M3028	Does Not Meet	Partially Meets	Meets	Exceeds	Math 3
M3029	Does Not Meet	Partially Meets	Exceeds	Does Not Meet	Math 3
M3030	Does Not Meet	Partially Meets	Exceeds	Partially Meets	Math 3

Pearson Perspective – Sample Learning Locator

Resources for Learning Locator: M3019

- Number & Operation 75
- Geometry & Measurement 27
- Algebra 8
- Data Analysis 4

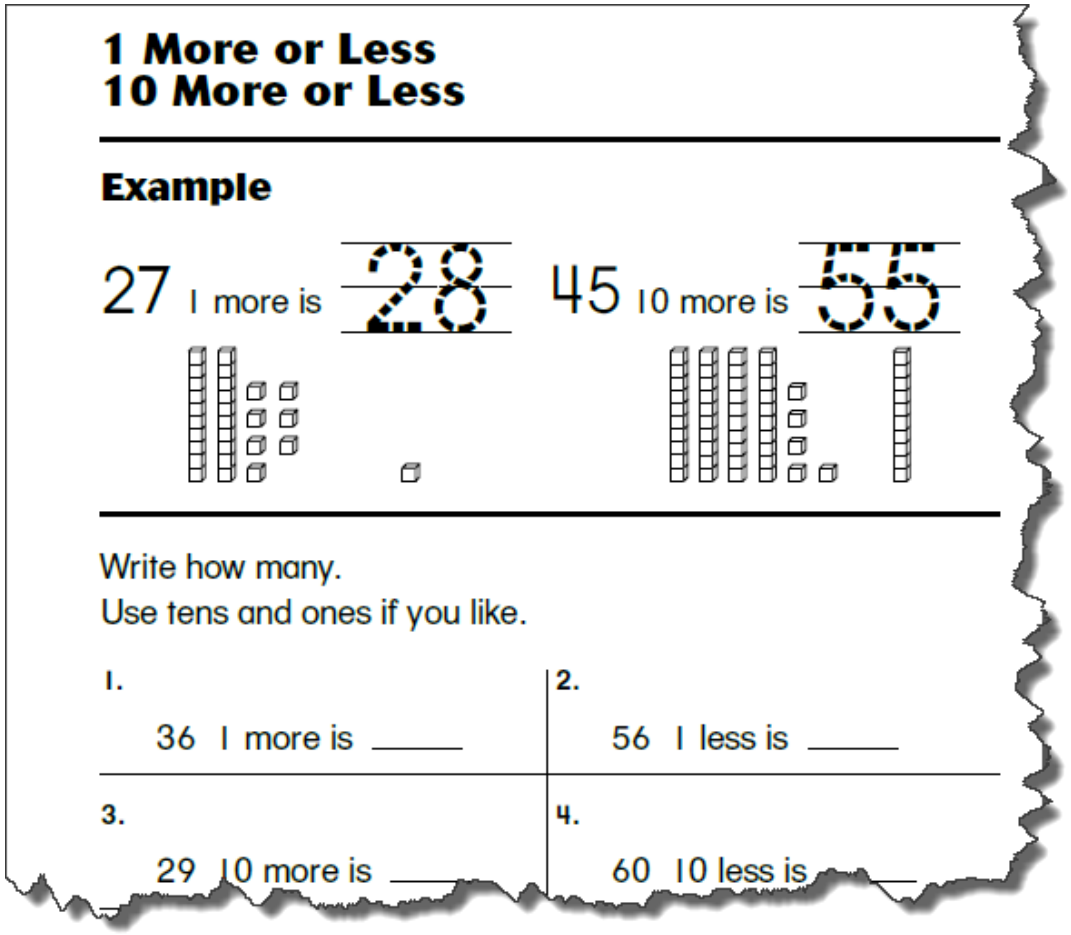
Color Key

- Does Not Meet
- Partially Meets
- Meets Standards
- Exceeds Standards

Grade 3 Math - Number & Operation

Name (ID)	Description	Type	Format
Flying Apple - Addition (10702)	A video demonstrating how to add with regrouping	Interactive	Practice
1 More or Less/ 10 More or Less - 2 (10933)	A learning resource for identifying numbers that are 1 or 10 more or less than a given number, includes examples	Printable	Practice
Estimating to Check Results (bear) (11168)	Estimating to Check Results (bear)	Printable	Practice
Counting on Tens (11215)	A learning resource for practicing adding multiples of tens to a given number, includes an example	Printable	Practice
Identifying and Comparing Unit Fractions - 2 (11390)	A learning resource for comparing unit fractions and identifying unit fractions represented by models, includes an example	Printable	Practice
Fractions of a Group - 2 (11402)	A learning resource for modeling fractions of a group, includes an example	Printable	Practice
Multiplying by 10 (number line) (11585)	Multiplying by 10 (number line)	Printable	Practice
Relating Multiplication and Division (desks) (11602)	Relating Multiplication and Division (desks)	Printable	Practice
Using Arrays I (11623)	Using Arrays I	Printable	Practice
Multiplying by 5 (number line) (11631)	Multiplying by 5 (number line)	Printable	Practice

Pearson Perspective – Worksheet



1 More or Less
10 More or Less

Example

27 1 more is 28 45 10 more is 55

Write how many.
Use tens and ones if you like.

1. 36 1 more is _____

2. 56 1 less is _____

3. 29 10 more is _____

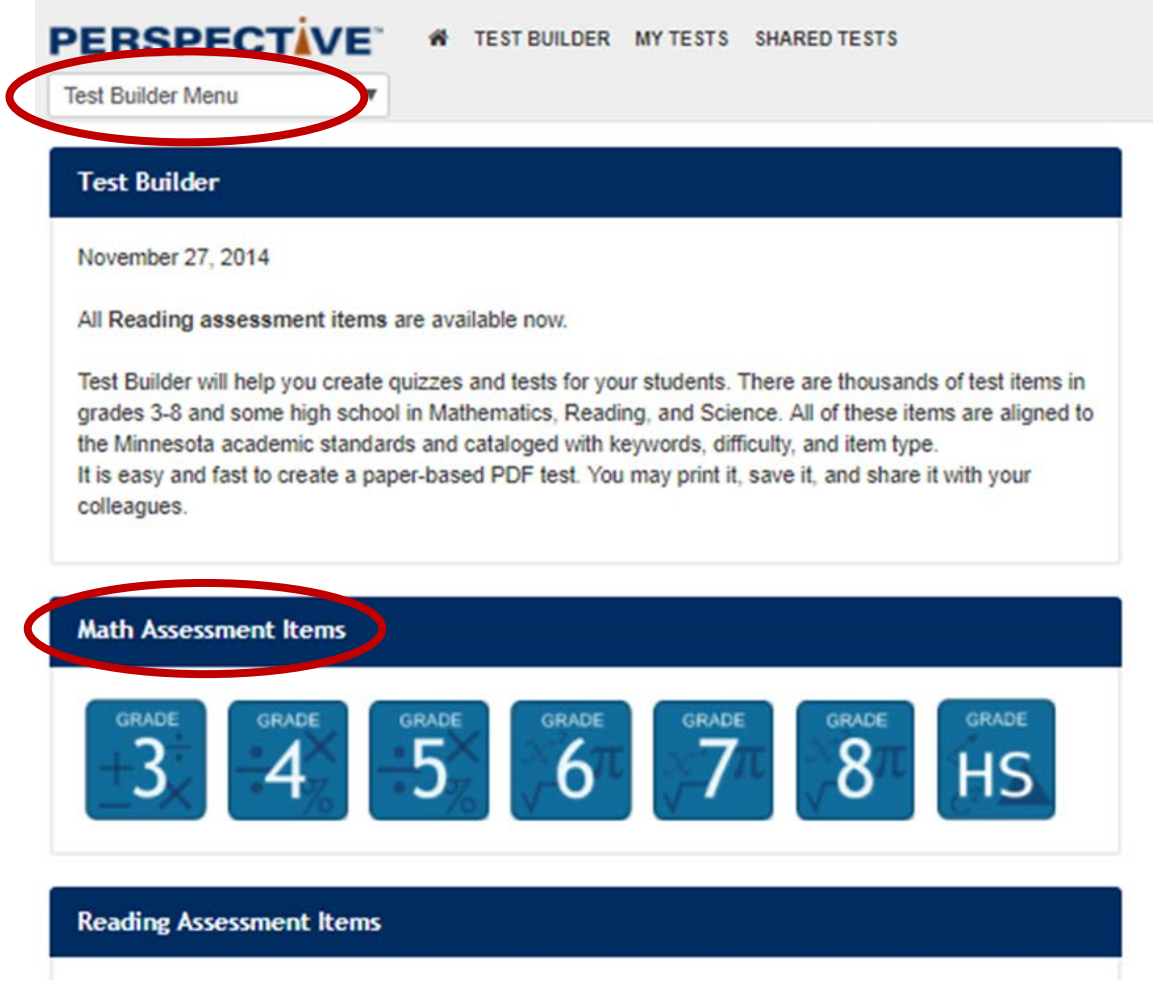
4. 60 10 less is _____

- This is a sample of a printable worksheet available for students to work on the skill: Estimating to check results.
- This worksheet aligns with the Number and Operation strand.

Pearson Perspective – Test Questions

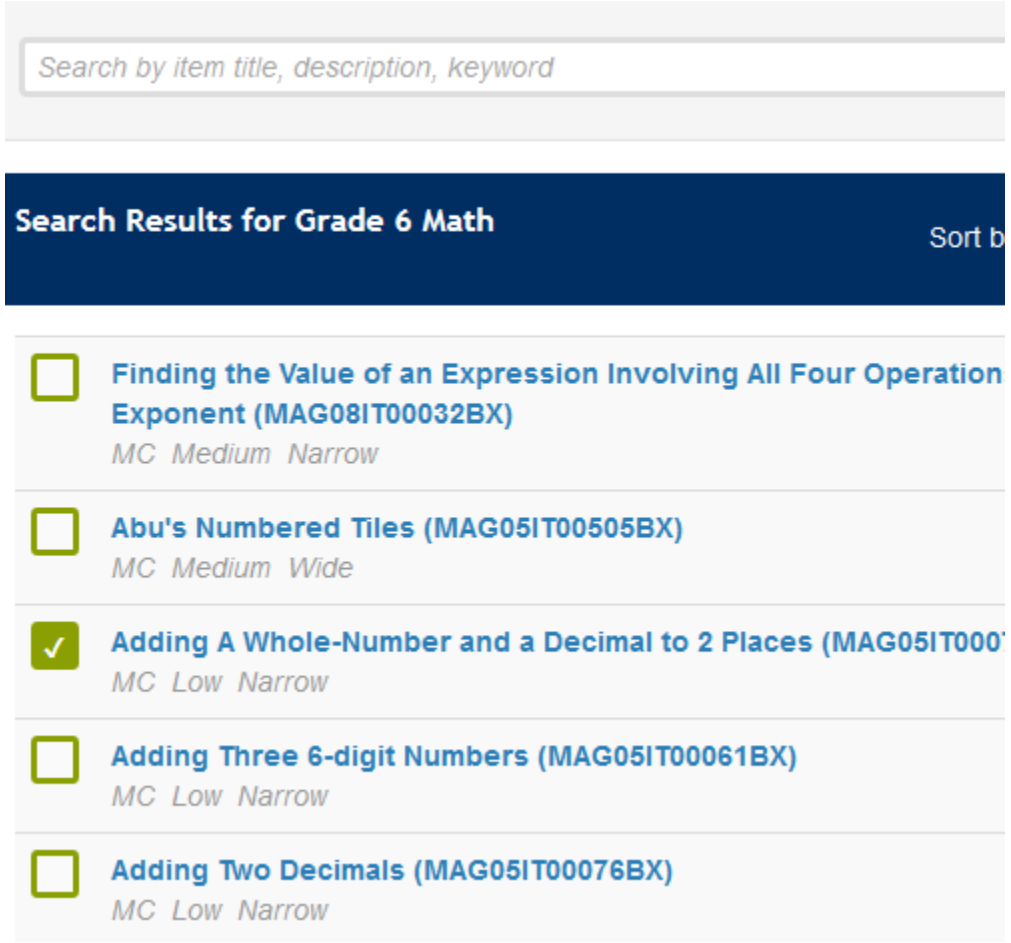
- Search by:
  - Grade
  - Topic
  - Difficulty
  - Advanced Search (multiple parameters)
- Select items to create a test
- Print or email activities to students
- Answer keys available

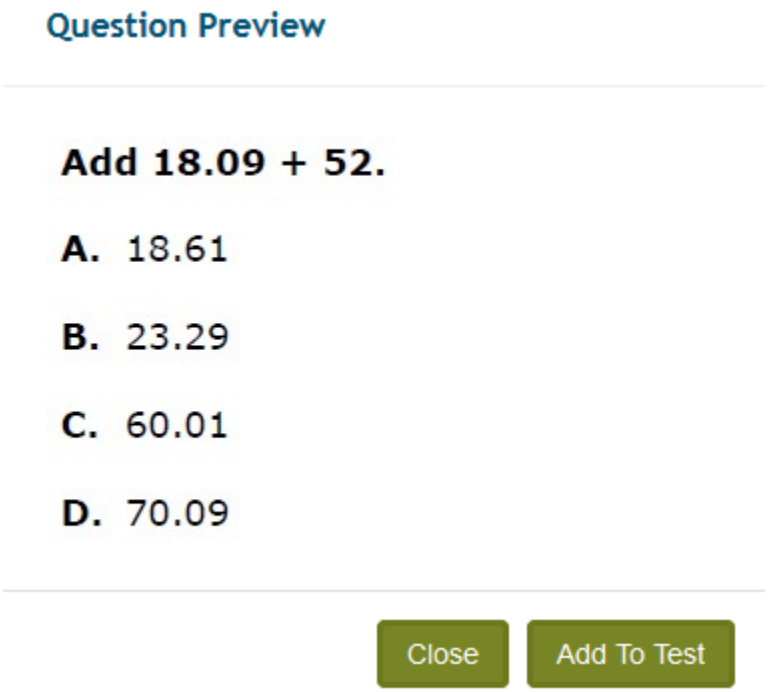
Pearson Perspective – Test Builder



- Select Test Builder from the drop-down options
- Select the content area you wish to explore assessment items

Pearson Perspective – Select Test Items





Pearson Perspective – Sample Test (1)

Name:_____Period:_____Date:_

Decimal Quiz

Note to student :

Question 1

What is 237.17 + 2.6 ?

A. 237.43

B. 239.77

C. 240.77

D. 263.17

Question 2

Add 18.09 + 52.

A. 18.61

B. 23.29

C. 60.01

D. 70.09

Decimal (

Question 1 (MAG05IT00076BX)

What is 237.17 + 2.6 ?

237.43
239.77
240.77
263.17

Key

Key: B
Key Text: 239.77

Justification: Line up the numbers by the decimal points. Reme written as 2.60. Add the hundredths, add the tenths, add the o and add the hundreds.

	100s	10s	1s	0.1s	0.01s
	2	3	7.	1	7
+			2.	6	0
	2	3	9.	7	7

Question 2 (MAG05IT00074BX)

Add 18.09 + 52.

18.61
23.29
60.01
70.09

Key: D
Key Text: 70.09

Justification: Line up the numbers by the decimal points. Reme written as 52.00. Add the hundredths, add the tenths, and add the 10 ones as 1 ten and 0 ones. Add the tens.

	10s	1s	0.1s	0.01s
	+1			
	1	8.	0	9
+	5	2.	0	0
	7	0.	0	9

Pearson Perspective – Sample Test (2)

Name:_____ Period:_____ Date:_____

Rational Numbers Quiz Gr 8

Note to student :

Question 1

Sean's house has a base that is approximately square with an area of 1,327 square feet. The length of one side of Sean's house is

A. less than 30 feet.

B. between 30 feet and 50 feet.

C. between 51 feet and 100 feet.

D. greater than 100 feet.

Question 2

Which of the following numbers is a composite number?

A. 2

B. 37

C. 51

D. 79

Question 3

Which of the following is a rational number?

A. π

B. $2.\overline{3}$

C. $2\sqrt{2}$

D. 1.7320508 . . .

Rational Numbers Quiz Gr 8

Question 1 (MAG08IT00023BX)

Sean's house has a base that is approximately square with an area of 1,327 square feet. The length of one side of Sean's house is

less than 30 feet.
between 30 feet and 50 feet.
between 51 feet and 100 feet.
greater than 100 feet.

Key

Key: B
Ktext: between 30 feet and 50 feet.

J: The area of a square is $A = s^2$, or $s = \sqrt{A}$. So, the length of one side of the base of the house is equal to $\sqrt{1,357}$. Find the squares: $30^2 = 900$; $50^2 = 2,500$; and $100^2 = 10,000$. The number 1,327 is between 900 and 2,500, so the length of one side is between 30 feet and 50 feet.

Question 2 (MAG08IT00580BX)

Which of the following numbers is a composite number?

2
37
51
79

Key: C
Key Text: 51

Justification: A composite number has more than two factors. The number 51, has factors of 1, 3, 17, and 51, so it is a composite number.

Question 3 (MAG08IT00019BX)

Which of the following is a rational number?

π
$2.\overline{3}$
$2\sqrt{2}$
1.7320508 . . .

Key: B
Ktext: $2.\overline{3}$

Pearson Perspective – Information

- Pearson Perspective Homepage
- Pass Phrase: MN_edu
- For more detailed instructions, click on *Educator Quick Start Guide*