1st Grade Report Card

Math	MP1	MP2	MP3	MP4
1.OA.A.1: (a) Use ***addition*** and subtraction within 20 to solve word problems with unknowns in all positions.				
1.OA.A.1: (b) Use addition and ***subtraction*** within 20 to solve word problems with unknowns in all positions.				
1.OA.C.6: (a) Fluently ***add*** and subtract within 10.				
1.OA.C.6: (b) Fluently add and ***subtract*** within 10.				
1.NBT.A.1: Count to 120 by 1s, 2s, and 10s starting at any number. Read and write numbers within this range.				
1.NBT.B.2: Understand that the two digits of a two-digit number represent groups of tens and ones.				
1.NBT.B.3: Compare two 2-digit numbers based on meanings of the tens and ones digits using <, >, =.				
1.NBT.C.4: Demonstrate an understanding of addition within 100 *(by adding two-digit numbers without regrouping)*				
1.NBT.C.5: Given a 2-digit number, mentally find 10 more or 10 less than the number without having to count.				
1.NBT.C.6: Subtract multiples of 10 in the range of 10 to 90.				
1.MD.A.2: Express the length of an object as a whole number of units.				
1.MD.B.3: Work with time *(to the hour and ½ hour)*.				
1.MD.C.4: Organize, represent, and interpret data.				
1.G.A.2: Compose 2-dimensional or 3-dimensional shapes to create a composite shape.				
1.G.A.3: Partition circles and rectangles into 2 and 4 equal shares.				

KEY

- Everyday Math **Benchmark Expectations** by Quarter
- **Major Cluster** of Arizona State Standards
- **Supporting Cluster** of Arizona State Standards
- **No Benchmark Expectation** at this point/**No Grade**

1.OA.A: Represent and solve problems involving addition and subtraction.				
1.OA.A.1: (a) Use ***addition* and subtraction within 20 to solve word problems with unknowns in all positions.**				
	Quarter 1	Quarter 2	Quarter 3	Quarter 4
4 Highly Proficient	Uses ***addition*** and subtraction **within 20 to solve word problems** involving situations of adding to, taking from, putting together, taking apart, and comparing, with unknowns in all positions.	Uses ***addition*** and subtraction **within 20 to solve word problems** involving situations of adding to, taking from, putting together, taking apart, and comparing, with unknowns in all positions.	Uses ***addition*** and subtraction **within 100 to solve one- and two-step word problems**, and represents a word problem as an equation with a symbol for the unknown. (2.OA.A.1)	Uses ***addition*** and subtraction **within 100 to solve one- and two-step word problems**, and represents a word problem as an equation with a symbol for the unknown. (2.OA.A.1)
3 Proficient	**Solves simple number stories** involving ***addition*** and subtraction **within 10.**	**Solves and writes** number models for ***addition*** **number stories within 15**.	Uses ***addition*** and subtraction **within 20 to solve word problems** involving situations of adding to, taking from, putting together, taking apart, and comparing, with unknowns in all positions.	Uses ***addition*** and subtraction **within 20 to solve word problems** involving situations of adding to, taking from, putting together, taking apart, and comparing, with unknowns in all positions.
2 Partially Proficient	Solves **simple number stories i**nvolving ***addition*** and subtraction **within 5.**	Solves **simple number stories** involving ***addition*** and subtraction **within 10**.	**Solves and writes** number models for ***addition*** **number stories within 15**.	**Solves and writes** number models for ***addition*** **number stories within 15**.
1 Minimally Proficient	Solves **simple number stories** involving ***addition*** and subtraction **within 3**.	Solves **simple number stories** involving ***addition*** and subtraction **within 5**.	Solves **simple number stories** involving ***addition*** and subtraction **within 10**.	Solves **simple number stories** involving ***addition*** and subtraction **within 10**.

1.OA.A: Represent and solve problems involving addition and subtraction.				
1.OA.A.1: (b) Use addition and *subtraction* within 20 to solve word problems with unknowns in all positions.				
	Quarter 1	Quarter 2	Quarter 3	Quarter 4
4 Highly Proficient	Uses addition and ***subtraction*** **within 20** to **solve word problems** involving situations of adding to, taking from, putting together, taking apart, and comparing, with unknowns in all positions.	Uses addition and ***subtraction*** **within 20** to solve **word problems** involving situations of adding to, taking from, putting together, taking apart, and comparing, with unknowns in all positions.	Uses addition and ***subtraction*** within 100 to solve one- and two-step word problems, and represents a word problem as an equation with a symbol for the unknown. (2.OA.A.1)	Uses addition and ***subtraction*** within 100 to solve one- and two-step word problems, and represents a word problem as an equation with a symbol for the unknown. (2.OA.A.1)
3 Proficient	Solves **simple number stories** involving addition and ***subtraction*** **within 10.**	**Solves and writes** number models for ***subtraction*** number stories within 15.	Uses addition and ***subtraction*** **within 20** to solve **word problems** involving situations of adding to, taking from, putting together, taking apart, and comparing, with unknowns in all positions.	Uses addition and ***subtraction*** **within 20** to solve **word problems** involving situations of adding to, taking from, putting together, taking apart, and comparing, with unknowns in all positions.
2 Partially Proficient	Solves simple number stories involving addition and ***subtraction*** within 5.	Solves simple number stories involving addition and ***subtraction*** within 10.	**Solves and writes** number models for ***subtraction*** **number stories within 15**.	**Solves and writes** number models for ***subtraction*** number stories within 19.
1 Minimally Proficient	Unable to solve **simple number stories** involving addition and ***subtraction*** **within 3**.	Solves **simple number stories** involving addition and ***subtraction*** **within 5**.	Solves **simple number stories** involving addition and ***subtraction*** **within 10**.	Solves **simple number stories** involving addition and ***subtraction*** **within 15**.

1.OA.C: Add and subtract within 10.

1.OA.C.6: (a) Fluently *add* and subtract within 10.

	Quarter 1	Quarter 2	Quarter 3	Quarter 4
4 Highly Proficient	***Adds*** and subtracts **within 20**, demonstrating **fluency for addition** and subtraction **within 10**. Uses strategies such as counting on: making ten; decomposes a number leading to a ten; uses the relationship between addition and subtraction; and creates equivalent but easier or known sums.	***Adds*** and subtracts **within 20**, demonstrating **fluency for addition** and subtraction **within 10**. Uses strategies such as counting on: making ten; decomposes a number leading to a ten; uses the relationship between addition and subtraction; and creates equivalent but easier or known sums.	***Adds*** and subtracts **within 20**, demonstrating **fluency for addition** and subtraction **within 10**. Uses strategies such as counting on: making ten; decomposes a number leading to a ten; uses the relationship between addition and subtraction; and creates equivalent but easier or known sums.	**Knows doubles facts**, combinations-of-10 and **applies strategies** to solve all ***addition*** facts. Knows +/-0 and +/- 1 facts. (2.OA.B.2)
3 Proficient	***Adds*** and subtracts, **within 10**, on the number line to solve simple number stories and extends number patterns.	***Adds*** and subtracts **within 10**, including **fluently solves *addition*** and subtraction doubles and combinations of 10.	**Uses doubles facts and combinations of 10** to help solve other ***addition*** and subtraction facts **within 20**.	***Adds*** and subtracts **within 20**, demonstrating **fluency for addition** and subtraction **within 10**. Uses strategies such as counting on: making ten; decomposes a number leading to a ten; uses the relationship between addition and subtraction; and creates equivalent but easier or known sums.
2 Partially Proficient	***Adds*** and subtracts **within 5**, on the number line to solve simple number stories and extends number patterns.	***Adds*** and subtracts, **within 10**, on the number line to solve simple number stories and extends number patterns.	***Adds*** and subtracts **within 10**, including **fluently solves *addition*** and subtraction doubles and combinations of 10.	**Uses doubles facts and combinations of 10** to help solve other ***addition*** and subtraction facts **within 20.**
1 Minimally Proficient	***Adds*** and subtracts, **within 3**, on the number line to solve simple number stories and extends number patterns.	***Adds*** and subtracts **within 5**, on the number line to solve simple number stories and extends number patterns	***Adds*** and subtracts, **within 10**, on the number line to solve simple number stories and extends number patterns.	***Adds*** and subtracts **within 10**, including **fluently solves *addition*** and subtraction doubles and combinations of 10.

***Math fact fluency** is the ability to quickly recall addition, subtraction, multiplication, and division math facts through conceptual learning, fact strategies, and memorization. The four key components to determine mastery are 1) flexibility, 2) appropriate strategy use, 3) efficiency, and 4) accuracy.

1.OA.C: Add and subtract within 10.				
1.OA.C.6: (b) Fluently add and *subtract* within 10.				
	Quarter 1	Quarter 2	Quarter 3	Quarter 4
4 Highly Proficient	Adds and ***subtracts*** **within 20**, demonstrating **fluency for** addition and ***subtraction*** **within 10**. Uses strategies such as counting on: making ten; decomposing a number leading to a ten; uses the relationship between addition and subtraction; and creates equivalent but easier or known sums.	Adds and ***subtracts*** **within 20**, demonstrating **fluency for** addition and ***subtraction*** **within 10**. Uses strategies such as counting on: making ten; decomposing a number leading to a ten; uses the relationship between addition and subtraction; and creates equivalent but easier or known sums.	Adds and ***subtracts*** **within 20**, demonstrating **fluency for** addition and ***subtraction*** **within 10**. Uses strategies such as counting on: making ten; decomposing a number leading to a ten; uses the relationship between addition and subtraction; and creates equivalent but easier or known sums.	**Knows doubles facts** and combinations-of-10 and apply strategies to solve all addition facts. Know +/-1 and +/- 2 facts.
3 Proficient	Adds and ***subtracts***, **within 10**, on the number line to solve simple number stories and extend number patterns.	Adds and ***subtracts*** **within 10**, including **fluently solves** addition and ***subtraction*** doubles and combinations of 10.	**Uses doubles facts and combinations of 10** to help solve other addition and ***subtraction*** facts **within 20**.	Adds and ***subtracts*** **within 20**, demonstrating **fluency for** addition and ***subtraction*** **within 10**. Uses strategies such as counting on: making ten; decomposing a number leading to a ten; uses the relationship between addition and subtraction; and creates equivalent but easier or known sums.
2 Partially Proficient	Adds and ***subtracts***, **within 5**, on the number line to solve simple number stories and extend number patterns.	Adds and ***subtracts***, **within 10**, on the number line to solve simple number stories and extend number patterns.	Adds and ***subtracts*** **within 10**, including **fluently solve**s addition and ***subtraction*** doubles and combinations of 10.	**Uses doubles facts and combinations of 10** to help solve other addition and ***subtraction*** facts **within 20**.
1 Minimally Proficient	Adds and ***subtracts***, **within 3**, on the number line to solve simple number stories and extend number patterns.	Adds and ***subtracts***, **within 5**, on the number line to solve simple number stories and extend number patterns.	Adds and ***subtracts***, **within 10**, on the number line to solve simple number stories and extend number patterns.	Adds and ***subtracts*** **within 10**, including **fluently solve**s addition and ***subtraction*** doubles and combinations of 10.

***Math fact fluency** is the ability to quickly recall addition, subtraction, multiplication, and division math facts through conceptual learning, fact strategies, and memorization. The four key components to determine mastery are 1) flexibility, 2) appropriate strategy use, 3) efficiency, and 4) accuracy.

1.NBT.A: Extend the counting sequence.				
1.NBT.A.1: Count to 120 by 1s, 2s, and 10s starting at any number. Read and write numbers within this range.				
	Quarter 1	Quarter 2	Quarter 3	Quarter 4
4 Highly Proficient	**Counts to 120**, **starting at any number less than 120**. In this range, reads and writes numerals and represents a number of objects with a written numeral.	**Counts by 1s to at least 120**; skip counts by 2s using a calculator.	**Counts by 1s to at least 120**; skip counts by 2s using a calculator.	**Counts by 1s to at least 120**; skip counts by 2s using a calculator.
3 Proficient	Skip counts to add and subtract on the number line. **Extends number patterns within 100**.	**Counts to 120**, **starting at any number less than 120**. In this range, reads and writes numerals and represents a number of objects with a written numeral.	**Counts to 120**, **starting at any number less than 120**. In this range, reads and writes numerals and represents a number of objects with a written numeral.	**Counts to 120**, **starting at any number less than 120**. In this range, reads and writes numerals and represents a number of objects with a written numeral.
2 Partially Proficient	**Skip counts** to add and subtract on the number line. **Extends number patterns within 105.** to add and subtract on the number line. **Extends number patterns less than 100.**	**Skip counts** to add and subtract on the number line. **Extends number patterns within 105.** to add and subtract on the number line. **Extends number patterns within 100**.	**Skip counts** to add and subtract on the number line. **Extends number patterns within 105.**	**Skip counts** to add and subtract on the number line. **Extends number patterns within 110.**
1 Minimally Proficient	**Unable to skip count** to add and subtract on the number line.	**Skip counts** to add and subtract on the number line. **Extends number patterns less than 100.**	**Skip counts** to add and subtract on the number line. **Extends number patterns within 100**.	**Skip counts** to add and subtract on the number line. **Extends number patterns within 105.**

1.NBT.A: Extend the counting sequence.				
1.NBT.A.2: Understands that the two digits of a two-digit number represent amounts of tens and ones.				
	Quarter 1	Quarter 2	Quarter 3	Quarter 4
4 Highly Proficient	No benchmark Expectation at this point.	Understands that the two digits of a two-digit number represent amounts of tens and ones.	Identifies the number of tens and ones in a two-digit number and the value of the digit in each place.	Identifies the number of tens and ones in a two-digit number and the value of the digit in each place.
3 Proficient		Identifies the two-digit number represented by base-10 blocks.	Understands that the two digits of a two-digit number represent amounts of tens and ones.	Understands that the two digits of a two-digit number represent amounts of tens and ones.
2 Partially Proficient		Inconsistently identifies the two-digit number represented by base-10 blocks.	Identifies the two-digit number represented by base-10 blocks.	Identifies the two-digit number represented by base-10 blocks.
1 Minimally Proficient		Unable to identify the two-digit number represented by base-10 blocks.	Inconsistently identifies the two-digit number represented by base-10 blocks.	Inconsistently identifies the two-digit number represented by base-10 blocks.

1.NBT.B: Understand place value.				
1.NBT.B.3: Compare two 2-digit numbers based on meanings of the tens and ones digits using <, >, =.				
	Quarter 1	Quarter 2	Quarter 3	Quarter 4
4 Highly Proficient	No benchmark Expectation at this point.	**Compares two 2-digit numbers** based on the meaning of the tens and ones digits, and records the results of comparisons with the symbols >, <, and =.	**Compares two 2-digit numbers** based on the meaning of the tens and ones digits, and records the results of comparisons with the symbols >, <, and =.	**Compares numbers greater than 99** and records comparisons using >, <, and =.
3 Proficient		**Compares the value of two numbers** (from **<20**).	**Uses >, <, and = to record comparisons** of numbers.	**Compares two 2-digit numbers** based on the meaning of the tens and ones digits, and records the results of comparisons with the symbols >, <, and =.
2 Partially Proficient		**Compares the value of two numbers** (from **<15**).	**Compares the value of two numbers** (from **<20**).	**Uses >, <, and = to record comparisons** of numbers.
1 Minimally Proficient		**Compares the value of two numbers** (**<10**).	**Compares the value of two numbers** (from **<15**).	**Compares the value of two numbers** (from **<20**).

1.NBT.C: Use place value understanding and properties of operations to add and subtract.				
1.NBT.C.4: Demonstrate an understanding of addition within 100.				
	Quarter 1	Quarter 2	Quarter 3	Quarter 4
4 Highly Proficient	No benchmark Expectation at this point.	**Adds within 100, without regrouping**, including adding a two-digit number and a one-digit number, and adding a two-digit number and a multiple of 10.	**Adds within 100, without regrouping**, including adding a two-digit number and a one-digit number, and adding a two-digit number and a multiple of 10.	**Adds and subtracts within 100** using a number grid, a number line, or counters. (2.NBT.B.5)
3 Proficient		**Adds a two-digit and a one-digit** number **using tools** (without regrouping).	**Adds within 100 using tools** (without regrouping).	**Adds within 100, without regrouping**, including adding a two-digit number and a one-digit number, and adding a two-digit number and a multiple of 10.
2 Partially Proficient		**Adds a one-digit number and a one-digit number without using tool**s.	**Adds a two-digit and a one-digit number using tools** (without regrouping).	**Adds within 100 using tools** (without regrouping).
1 Minimally Proficient		**Unable to add a one-digit number and a one-digit number without using tools**.	**Adds a one-digit number and a one-digit number without using tool**s.	**Adds a two-digit and a one-digit number using tools** (without regrouping).

1.NBT.C: Use place value understanding and properties of operations to add and subtract.				
1.NBT.C.5: Given a 2-digit number, mentally find 10 more or 10 less than the number without having to count.				
	Quarter 1	Quarter 2	Quarter 3	Quarter 4
4 Highly Proficient	No benchmark expectation at this point.	**Mentally finds 10 more or 10 less** than the number, **when given a 2-digit number**, without having to count; explains the reasoning used.	**Mentally finds 10 more or 10 less** than the number, **when given a 2-digit number**, without having to count; explains the reasoning used.	**Mentally finds 10 more or 10 less** than the number, **when given a 3-digit number**, without having to count; explains the reasoning used.
3 Proficient		**Finds 10 more or 10 less** than a number, using any tool.	**Finds 10 more or 10 less than a number, when given a two-digit number**, only using a tool, if needed.	**Mentally finds 10 more or 10 less** than the number, **when given a 2-digit number**, without having to count; explains the reasoning used.
2 Partially Proficient		**Inconsistently finds 10 more or 10 less** than a number, using any tool.	**Finds 10 more or 10 less** than a number, using any tool.	**Finds 10 more or 10 less than a number, when given a two-digit number**, only using a tool, if needed.
1 Minimally Proficient		**Unable to find 10 more or 10 less** than a number, using any tool.	**Inconsistently finds 10 more or 10 less** than a number, using any tool.	**Finds 10 more or 10 less** than a number, using any tool.

1.NBT.C: Use place value understanding and properties of operations to add and subtract.				
1.NBT.C.6: Subtract multiples of 10 in the range of 10 to 90.				
	Quarter 1	Quarter 2	Quarter 3	Quarter 4
4 Highly Proficient	No benchmark expectation at this point.		**Subtracts multiples of 10 within 90** and explains strategies used.	**Subtracts multiples of 10 within 200** and explains strategies used.
3 Proficient			**Subtracts two-digit multiples of 10 from other two-digit multiples of 10** using tools, if necessary.	**Subtracts multiples of 10 within 90** and explains strategies used.
2 Partially Proficient			Finds the **difference between two-digit multiples of 10** using tools.	**Subtracts two-digit multiples of 10 from other two-digit multiples of 10** using tools, if necessary.
1 Minimally Proficient			**Inconsistently or unable to find the difference between two-digit multiples of 10** using tools.	**Inconsistently or unable to find** the **difference between two-digit multiples of 10** using tools.

1.MD.A: Measure lengths indirectly and by iterating length units.				
1.MD.A.2: Express the length of an object as a whole number of units.				
	Quarter 1	Quarter 2	Quarter 3	Quarter 4
4 Highly Proficient	No benchmark expectation at this point	**Expresses the length** of an object as a whole number of length units, **by laying multiple copies of a shorter object end to end**; understands that the length measurement of an object is the number of same-size length units that span it with no gaps or overlaps.	**Generates measurement data** by making repeated measurements of the same object. (2.MD.D.9)	**Generates measurement data** by making repeated measurements of the same object. (2.MD.D.9)
3 Proficient		**Consistently measures the length of an object** with multiple paper clips, pencils, and/or base-10 cubes.	**Expresses the length** of an object as a whole number of length units, **by laying multiple copies of a shorter object end to end**; understands that the length measurement of an object is the number of same-size length units that span it with no gaps or overlaps.	**Expresses the length** of an object as a whole number of length units, **by laying multiple copies of a shorter object end to end**; understands that the length measurement of an object is the number of same-size length units that span it with no gaps or overlaps.
2 Partially Proficient		**Inconsistently measures the length of an object** with multiple paper clips, pencils, and/or base-10 cubes.	**Consistently measures the length of an object** with multiple paper clips, pencils, and/or base-10 cubes.	**Consistently measures the length of an object** with multiple paper clips, pencils, and/or base-10 cubes.
1 Minimally Proficient		**Unable to measure the length of an object** with multiple paper clips, pencils, and/or base-10 cubes.	**Inconsistently measures the length of an object** with multiple paper clips, pencils, and/or base-10 cubes.	**Consistently measures the length of an object** with multiple paper clips, pencils, and/or base-10 cubes.

1.MD.B: Work with time.				
1.MD.B.3: Work with time *(to the hour and ½ hour)***.**				
	Quarter 1	Quarter 2	Quarter 3	Quarter 4
4 Highly Proficient	No benchmark expectations at this point		**Tells and writes** time in **hours and half-hours** using analog and digital clocks.	**Describes events** that typically occur in the A.M and P.M. hours. (2.MD.C.7)
3 Proficient			**Shows time to the hour** on an analog clock with both the hour and minute hands.	**Tells and writes** time in **hours and half-hours** using analog and digital clocks.
2 Partially Proficient			**Inconsistently shows time to the hour** on an analog clock with both the hour and minute hands.	**Shows time to the hour** on an analog clock with both the hour and minute hands.
1 Minimally Proficient			**Unable to show time to the hour** on an analog clock with both the hour and minute hands.	**Inconsistently shows time to the hour** on an analog clock with both the hour and minute hands.

1.MD.C: Represent and interpret data.				
1.MD.C.4: Organize, represent, and interpret data.				
	Quarter 1	Quarter 2	Quarter 3	Quarter 4
4 Highly Proficient	No benchmark expectation at this point	**Organizes, represents, and interprets data** with up to three categories; asks and answers questions about the total number of data points, how many in each category, and how many more or less are in one category than in another.	**Organizes, represents, and interprets data** with up to three categories; asks and answers questions about the total number of data points, how many in each category, and how many more or less are in one category than in another.	Organizes, represents, interprets and **asks questions** based on graphs and data.
3 Proficient		**Organizes and answers questions** about the total number of data points in one or several categories of a **tally chart.**	**Organizes data in a tally chart or bar graph**, answering simple questions about a **tally chart or bar graph**.	**Organizes, represents, and interprets data** with up to three categories; asks and answers questions about the total number of data points, how many in each category, and how many more or less are in one category than in another.
2 Partially Proficient		**Answers questions** about a **tally chart**.	**Organizes and answers questions** about the total number of data points in one or several categories of a **tally chart.**	**Organizes data in a tally chart or bar graph**, answering simple questions about a **tally chart or bar graph**.
1 Minimally Proficient		**Unable to answer questions** about a **tally chart.**	**Answers questions** about a **tally chart**.	**Organizes and answers questions** about the total number of data points in one or several categories of a **tally chart.**

1.G.A: Reason with shapes and their attributes.				
1.G.A.2: Compose 2-dimensional or 3-dimensional shapes to create a composite shape.				
	Quarter 1	Quarter 2	Quarter 3	Quarter 4
4 Highly Proficient	No Benchmark Expectations at this point.			STEM Building: Given 4 to 6 materials (i.e. 3x5 cards, popsicle sticks, sticky notes), **creates 2- and 3-dimensional shapes** and **composes new shapes**.
3 Proficient				**Composes two-dimensional shapes or three-dimensional shapes to create composite shapes** and compose new shapes from the composite shapes.
2 Partially Proficient				**Inconsistent in composing two-dimensional shapes or three-dimensional shapes to create composite shapes** and composing new shapes from the composite shapes.
1 Minimally Proficient				**Unable to compose two-dimensional shapes or three-dimensional shapes to create composite shapes** and composing new shapes from the composite shapes.

1.G.A: Reason with shapes and their attributes.				
1.G.A.3: Partition circles and rectangles into 2 and 4 equal shares.				
	Quarter 1	Quarter 2	Quarter 3	Quarter 4
4 Highly Proficient	No Benchmark Expectations at this point.			**Partitions shapes** into two equal parts and **states** how many fourths make a half/whole, how many halves make a whole, etc.
3 Proficient				**Partitions circles and rectangles into two and four equal shares**, describes the shares using the words halves, fourths, and quarters, and uses the phrases half of, fourth of, ***and*** quarter of.
2 Partially Proficient				**Partitions circles and rectangles into two and four equal shares**, describes the shares using the words halves, fourths, and quarters, and using the phrases half of, fourth of, and quarter of, mastering halves, quarters, ***or*** fourths, but not all three.
1 Minimally Proficient				**Unable or inconsistently partitions circles and rectangles into two and four equal shares**, describes the shares using the words halves, fourths, and quarters, and using the phrases half of, fourth of, and quarter of, mastering halves, quarters, ***or*** fourths, but not all three.