



MATHEMATICS SUMMARY TABLE

Grade 5

The summary tables below are to be used with the grade 5 mathematics Paper-Based Item Sampler or Online Tools Training (OTT). It provides an answer key, alignment to the Alaska standards, and depth of knowledge level for each question. Please note, there are two different answer keys for each grade level: one for the paper-based item samplers and one for the OTT.

Paper-Based Item Sampler - Part 1

Question #	Answer Key	Alignment with Standards	Depth of Knowledge
1	D	5.NF.B.3	1
2	B	5.NF.B.4	2
3	D	5.OA.B.3	2
4	B	5.NBT.B.6	1
5	A	5.G.A.2	1
6	A	5.NF.A.2	2
7	B	5.MD.A.1	2
8	B	5.NBT.A.1	2

Paper-Based Item Sampler - Part 2

Question #	Answer Key	Alignment with Standards	Depth of Knowledge
9	D	5.OA.A.2	2
10	B	5.G.B.3	2
11	C	5.MD.A.1	2
12	D	5.NF.B.5	2
13	C, E	5.NF.A.1	2
14	B, C, F	5.G.A.1	1
15	B, E	5.MD.A.2	2
16	16	5.NF.B.7	2

Question #	Answer Key	Alignment with Standards	Depth of Knowledge
17	1134	5.NBT.B.5	1

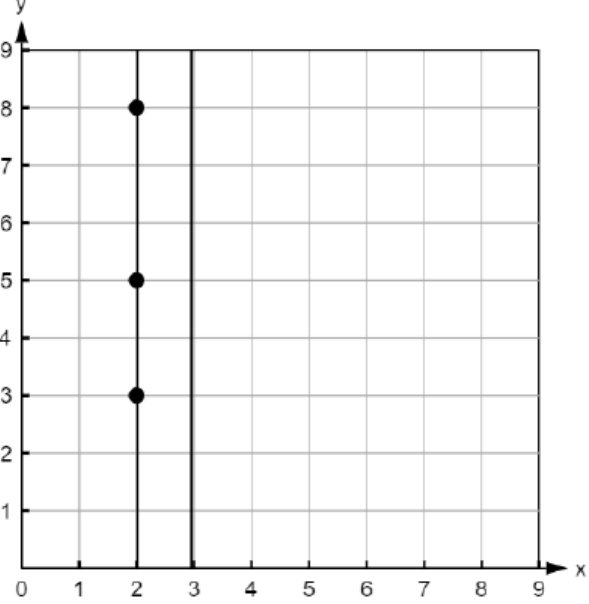
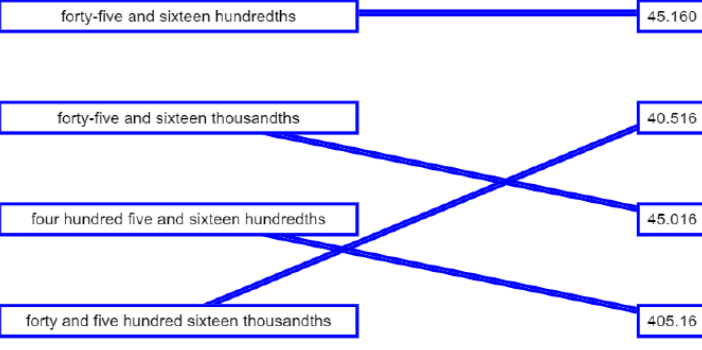
OTT- Part 1

Question #	Answer Key	Alignment with Standards	Depth of Knowledge												
1	D	5.NF.B.3	1												
2	B	5.NF.B.4	2												
3	D	5.OA.B.3	2												
4	B	5.NBT.B.6	1												
5	A	5.G.A.2	1												
6	A	5.NF.A.2	2												
7	B	5.MD.A.1	2												
8	B	5.NBT.A.1	2												
9	<table border="1"> <tbody> <tr> <td>$6.46 = 6.460$</td> <td>True ▾</td> </tr> <tr> <td>$48 > 48.5$</td> <td>False ▾</td> </tr> <tr> <td>$30 < 29.999$</td> <td>False ▾</td> </tr> <tr> <td>$11.05 < 11.50$</td> <td>True ▾</td> </tr> <tr> <td>$14.15 < 15.14$</td> <td>True ▾</td> </tr> <tr> <td>$0.0912 > 0.912$</td> <td>False ▾</td> </tr> </tbody> </table>	$6.46 = 6.460$	True ▾	$48 > 48.5$	False ▾	$30 < 29.999$	False ▾	$11.05 < 11.50$	True ▾	$14.15 < 15.14$	True ▾	$0.0912 > 0.912$	False ▾	5.NBT.A.3	1
$6.46 = 6.460$	True ▾														
$48 > 48.5$	False ▾														
$30 < 29.999$	False ▾														
$11.05 < 11.50$	True ▾														
$14.15 < 15.14$	True ▾														
$0.0912 > 0.912$	False ▾														

Question #	Answer Key	Alignment with Standards	Depth of Knowledge
10	$\frac{5}{6} < \frac{6}{5}$ $\frac{3}{8} > \frac{1}{4}$ $1.5 > 1.49$ $0.7 = \frac{7}{10}$ $2.45 < 2.451$ $\frac{1}{2} = \frac{3}{6}$	4.NF.A.2	2

OTT - Part 2

Question #	Answer Key	Alignment with Standards	Depth of Knowledge
11	D	5.OA.A.2	2
12	B	5.G.B.3	2
13	C	5.MD.A.1	2
14	D	5.NF.B.5	2
15	C, E	5.NF.A.1	2
16	B, C, F	5.G.A.1	1
17	Pacific Standard Time and Eastern Standards Time	5.MD.A.2	2
18	16	5.NF.B.7	2
19	1134	5.NBT.B.5	1

Question #	Answer Key	Alignment with Standards	Depth of Knowledge
20	 <p data-bbox="414 924 998 997">Note: There are many possible options for the second line. Any vertical line that is not $x=2$ should be considered correct.</p>	5.G.A.2	2
21	$\frac{2}{3}$ (or equivalent fraction)	4.NF.B.3	1
22	<p data-bbox="365 1081 1063 1113">forty-five and sixteen hundredths 45.160</p> <p data-bbox="365 1186 1063 1218">forty-five and sixteen thousandths 40.516</p> <p data-bbox="365 1291 1063 1323">four hundred five and sixteen hundredths 45.016</p> <p data-bbox="365 1396 1063 1428">forty and five hundred sixteen thousandths 405.16</p> 	5.NBT.A.3.a	1