



## MATHEMATICS SUMMARY TABLE

### Grade 3

The summary tables below are to be used with the grade 3 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	3.OA.A.2	2
2	D	3.MD.C.9	1
3	C	3.MD.B.5	1
4	B	3.NF.A.1	1
5	A	3.G.A.2	2
6	C	3.OA.B.6	2
7	C	3.OA.A.3	2
8	D	3.NF.A.3	1

#### Paper-Based Item Sampler - Part 2

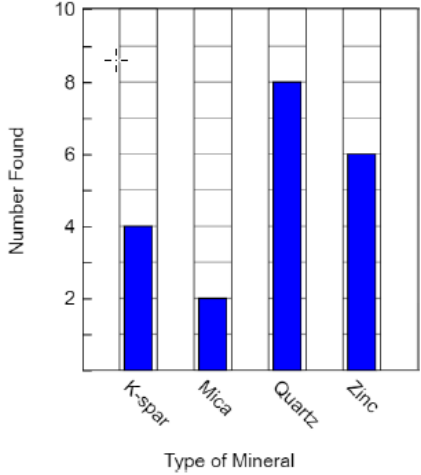
Question #	Answer Key	Alignment with Standards	Depth of Knowledge
9	D	3.MD.B.4	2
10	C	3.NF.A.2	1
11	D	3.NBT.A.3	1
12	D	3.OA.A.4	2
13	C	3.G.A.1	1
14	A	3.OA.B.5	1
15	D	3.OA.A.1	1


Question #	Answer Key	Alignment with Standards	Depth of Knowledge
16	B	3.NBT.A.1	2
17	4	3.G.A.1	1

OTT - Part 1

Question #	Answer Key	Alignment with Standards	Depth of Knowledge
1	D	3.OA.A.2	2
2	D	3.MD.C.9	2
3	C	3.MD.B.5	2
4	B	3.NF.A.1	1
5	A	3.G.A.2	1
6	C	3.OA.B.6	2
7	C	3.OA.A.3	2
8	D	3.NF.A.3	1
9	10	3.MD.B.4	2
10		3.NF.A.3	1
11		3.OA.A.3	1

OTT - Part 2

Question #	Answer Key	Alignment with Standards	Depth of Knowledge										
12	D	3.MD.B.4	2										
13	C	3.NF.A.2	1										
14	D	3.NBT.A.3	1										
15	D	3.OA.A.4	2										
16	C	3.G.A.1	1										
17	A	3.OA.B.5	1										
18	D	3.OA.A.1	1										
19	40, 35, 44	3.NBT.A.1	2										
20	4	3.G.A.1	1										
21	<p style="text-align: center;"><b>Minerals Found</b></p>  <table border="1" style="margin-left: auto; margin-right: auto;"> <caption>Minerals Found Data</caption> <thead> <tr> <th>Type of Mineral</th> <th>Number Found</th> </tr> </thead> <tbody> <tr> <td>K-spar</td> <td>4</td> </tr> <tr> <td>Mica</td> <td>2</td> </tr> <tr> <td>Quartz</td> <td>8</td> </tr> <tr> <td>Zinc</td> <td>6</td> </tr> </tbody> </table>	Type of Mineral	Number Found	K-spar	4	Mica	2	Quartz	8	Zinc	6	3.MD.B.4	2
Type of Mineral	Number Found												
K-spar	4												
Mica	2												
Quartz	8												
Zinc	6												
22	$\frac{4}{4} < \frac{4}{1}$	3.NF.A.3	2										

Question #	Answer Key	Alignment with Standards	Depth of Knowledge
23	 An analog clock face with numbers 1 through 12. The hour hand is positioned between 10 and 11, closer to 10. The minute hand is pointing exactly at the 5. This indicates the time is 10:25.	3.MD.A.1	1