

JAWAPAN
TINGKATAN 1
(MATEMATIK)

問題 21

16. $10, 15, 20, 25, \dots$

18. $15, 30$

19. $a_1 = 100$ $a_2 = 100$
 $a_3 = 100$ $a_4 = 100$

20. $a_1 = 100$ $a_2 = 100$
 $a_3 = 100$ $a_4 = 100$

21. $a_1 = 100$ $a_2 = 100$

22. $a_1 = 100$ $a_2 = 100$
 $a_3 = 100$ $a_4 = 100$

23. $10, 15, 20, 25, \dots$

24. $10, 15, 20, 25, \dots$

25. $10, 15, 20, 25, \dots$

26. $a_1 = 100$ $a_2 = 100$ $a_3 = 100$ $a_4 = 100$

16.	Jumlah 10 = 10									
	10									
	100									
	1									
17.	10	10								
	100	10								
	1000	10								
	1000	1000								
18.	1000, 1000, 1000									
19.	100									
20.	100	10, 1000								
	100	100	1000							
		100	1000							
		1000	1000							
21.	1000000									
22.	10	100								
23.	10	10								
24.	10	10								
25.	10	10								
26.	10	10								
27.	10	10								
28.	10	10								
29.	10	10								
30.	10	10								
31.	10	10								
32.	10	10								
33.	10	10								
34.	10	10								
35.	10	10								
36.	10	10								
37.	10	10								
38.	10	10								
39.	10	10								
40.	10	10								
41.	10	10								
42.	10	10								
43.	10	10								
44.	10	10								
45.	10	10								
46.	10	10								
47.	10	10								
48.	10	10								
49.	10	10								
50.	10	10								
51.	10	10								
52.	10	10								
53.	10	10								
54.	10	10								
55.	10	10								
56.	10	10								
57.	10	10								
58.	10	10								
59.	10	10								
60.	10	10								
61.	10	10								
62.	10	10								
63.	10	10								
64.	10	10								
65.	10	10								
66.	10	10								
67.	10	10								
68.	10	10								
69.	10	10								
70.	10	10								
71.	10	10								
72.	10	10								
73.	10	10								
74.	10	10								
75.	10	10								
76.	10	10								
77.	10	10								
78.	10	10								
79.	10	10								
80.	10	10								
81.	10	10								
82.	10	10								
83.	10	10								
84.	10	10								
85.	10	10								
86.	10	10								
87.	10	10								
88.	10	10								
89.	10	10								
90.	10	10								
91.	10	10								
92.	10	10								
93.	10	10								
94.	10	10								
95.	10	10								
96.	10	10								
97.	10	10								
98.	10	10								
99.	10	10								
100.	10	10								

100



Figure 1. The effect of the number of trials on the number of correct responses.

1990-1991	1991-1992	1992-1993	1993-1994	1994-1995	1995-1996	1996-1997
1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004
2004-2005	2005-2006	2006-2007	2007-2008	2008-2009	2009-2010	2010-2011



Beispielungsaufgaben

Beispielungsaufg 111 -----> 111

111 + 111 = 111 -----> 111

Beispielungsaufg 111 -----> 111 + 111 -----> 111

111 + 111 -----> **111 + 111 + 111**

111 + 111 -----> 111

Beispielungsaufg 111 -----> 111 + 111

111 + 111

111 **111** **111 + 111 + 111** **111 + 111 + 111** **111 + 111 + 111**

111 **111** **111**

Module 1

1. $\frac{1}{2}$ $\frac{1}{3}$ $\frac{1}{4}$ $\frac{1}{5}$ $\frac{1}{6}$ $\frac{1}{7}$ $\frac{1}{8}$ $\frac{1}{9}$

10. $\frac{1}{10}$ $\frac{1}{11}$ $\frac{1}{12}$ $\frac{1}{13}$ $\frac{1}{14}$ $\frac{1}{15}$

11. $\frac{1}{16}$ $\frac{1}{17}$ $\frac{1}{18}$ $\frac{1}{19}$ $\frac{1}{20}$

12. $\frac{1}{21}$ $\frac{1}{22}$ $\frac{1}{23}$ $\frac{1}{24}$ $\frac{1}{25}$

13. $\frac{1}{26}$

14. $\frac{1}{27}$

15. $\frac{1}{28}$

16. $\frac{1}{29}$ $\frac{1}{30}$ $\frac{1}{31}$ $\frac{1}{32}$ $\frac{1}{33}$ $\frac{1}{34}$ $\frac{1}{35}$ $\frac{1}{36}$

17. $\frac{1}{37}$ $\frac{1}{38}$ $\frac{1}{39}$ $\frac{1}{40}$ $\frac{1}{41}$ $\frac{1}{42}$ $\frac{1}{43}$ $\frac{1}{44}$

18. $\frac{1}{45}$ $\frac{1}{46}$ $\frac{1}{47}$ $\frac{1}{48}$ $\frac{1}{49}$ $\frac{1}{50}$

19. $\frac{1}{51}$ $\frac{1}{52}$ $\frac{1}{53}$ $\frac{1}{54}$ $\frac{1}{55}$ $\frac{1}{56}$ $\frac{1}{57}$ $\frac{1}{58}$

20. $\frac{1}{59}$ $\frac{1}{60}$ $\frac{1}{61}$ $\frac{1}{62}$ $\frac{1}{63}$ $\frac{1}{64}$ $\frac{1}{65}$ $\frac{1}{66}$ $\frac{1}{67}$ $\frac{1}{68}$ $\frac{1}{69}$ $\frac{1}{70}$ $\frac{1}{71}$ $\frac{1}{72}$ $\frac{1}{73}$ $\frac{1}{74}$ $\frac{1}{75}$ $\frac{1}{76}$ $\frac{1}{77}$ $\frac{1}{78}$ $\frac{1}{79}$ $\frac{1}{80}$

21. $\frac{1}{81}$ $\frac{1}{82}$ $\frac{1}{83}$ $\frac{1}{84}$ $\frac{1}{85}$ $\frac{1}{86}$ $\frac{1}{87}$ $\frac{1}{88}$ $\frac{1}{89}$ $\frac{1}{90}$



22. $\frac{1}{91}$ $\frac{1}{92}$ $\frac{1}{93}$ $\frac{1}{94}$ $\frac{1}{95}$ $\frac{1}{96}$ $\frac{1}{97}$ $\frac{1}{98}$ $\frac{1}{99}$ $\frac{1}{100}$

23. $\frac{1}{101}$ $\frac{1}{102}$ $\frac{1}{103}$ $\frac{1}{104}$ $\frac{1}{105}$ $\frac{1}{106}$ $\frac{1}{107}$ $\frac{1}{108}$ $\frac{1}{109}$ $\frac{1}{110}$

100



10.

11.

12.

Table 1

1.	2.
3.	4.
5.	6.
7.	8.
9.	10.
11.	12.
13.	14.
15.	16.
17.	18.
19.	20.
21.	22.
23.	24.
25.	26.
27.	28.
29.	30.
31.	32.
33.	34.
35.	36.
37.	38.
39.	40.
41.	42.
43.	44.
45.	46.
47.	48.
49.	50.
51.	52.
53.	54.
55.	56.
57.	58.
59.	60.
61.	62.
63.	64.
65.	66.
67.	68.
69.	70.
71.	72.
73.	74.
75.	76.
77.	78.
79.	80.
81.	82.
83.	84.
85.	86.
87.	88.
89.	90.
91.	92.
93.	94.
95.	96.
97.	98.
99.	100.

Question

1.

Let A_1, A_2, A_3, A_4, A_5 be sets. If $A_1 \cap A_2 \neq \emptyset$, $A_2 \cap A_3 \neq \emptyset$, $A_3 \cap A_4 \neq \emptyset$, $A_4 \cap A_5 \neq \emptyset$, then $A_1 \cap A_5 \neq \emptyset$.
2.

Let A_1, A_2, A_3, A_4, A_5 be sets. If $A_1 \cap A_2 \neq \emptyset$, $A_2 \cap A_3 \neq \emptyset$, $A_3 \cap A_4 \neq \emptyset$, $A_4 \cap A_5 \neq \emptyset$, then $A_1 \cap A_5 \neq \emptyset$.
3.

Let A_1, A_2, A_3, A_4, A_5 be sets. If $A_1 \cap A_2 \neq \emptyset$, $A_2 \cap A_3 \neq \emptyset$, $A_3 \cap A_4 \neq \emptyset$, $A_4 \cap A_5 \neq \emptyset$, then $A_1 \cap A_5 \neq \emptyset$.
4.

Let A_1, A_2, A_3, A_4, A_5 be sets. If $A_1 \cap A_2 \neq \emptyset$, $A_2 \cap A_3 \neq \emptyset$, $A_3 \cap A_4 \neq \emptyset$, $A_4 \cap A_5 \neq \emptyset$, then $A_1 \cap A_5 \neq \emptyset$.
5.

Let A_1, A_2, A_3, A_4, A_5 be sets. If $A_1 \cap A_2 \neq \emptyset$, $A_2 \cap A_3 \neq \emptyset$, $A_3 \cap A_4 \neq \emptyset$, $A_4 \cap A_5 \neq \emptyset$, then $A_1 \cap A_5 \neq \emptyset$.
6.

Let A_1, A_2, A_3, A_4, A_5 be sets. If $A_1 \cap A_2 \neq \emptyset$, $A_2 \cap A_3 \neq \emptyset$, $A_3 \cap A_4 \neq \emptyset$, $A_4 \cap A_5 \neq \emptyset$, then $A_1 \cap A_5 \neq \emptyset$.
7.

Let A_1, A_2, A_3, A_4, A_5 be sets. If $A_1 \cap A_2 \neq \emptyset$, $A_2 \cap A_3 \neq \emptyset$, $A_3 \cap A_4 \neq \emptyset$, $A_4 \cap A_5 \neq \emptyset$, then $A_1 \cap A_5 \neq \emptyset$.
8.

Let A_1, A_2, A_3, A_4, A_5 be sets. If $A_1 \cap A_2 \neq \emptyset$, $A_2 \cap A_3 \neq \emptyset$, $A_3 \cap A_4 \neq \emptyset$, $A_4 \cap A_5 \neq \emptyset$, then $A_1 \cap A_5 \neq \emptyset$.



16.



17. 100%



Fig. 10



Fig. 11



Fig. 12

Diagrama multisetoriel yang dibuat

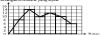


Fig. 13

Grade	Number of students	Grade
10	3	17
11	2	16
12	2	15
13	3	14

Table 1

Year	2010	2011	2012
Q1	1.2	1.5	1.8
Q2	1.5	1.8	2.1
Q3	1.8	2.1	2.4
Q4	2.1	2.4	2.7
Q5	2.4	2.7	3.0
Q6	2.7	3.0	3.3
Q7	3.0	3.3	3.6
Q8	3.3	3.6	3.9

1. The first row of the table shows the values for the first quarter of the year 2010, 2011, and 2012. The values are 1.2, 1.5, and 1.8 respectively.
2. The second row of the table shows the values for the second quarter of the year 2010, 2011, and 2012. The values are 1.5, 1.8, and 2.1 respectively.
3. The third row of the table shows the values for the third quarter of the year 2010, 2011, and 2012. The values are 1.8, 2.1, and 2.4 respectively.
4. The fourth row of the table shows the values for the fourth quarter of the year 2010, 2011, and 2012. The values are 2.1, 2.4, and 2.7 respectively.
5. The fifth row of the table shows the values for the fifth quarter of the year 2010, 2011, and 2012. The values are 2.4, 2.7, and 3.0 respectively.
6. The sixth row of the table shows the values for the sixth quarter of the year 2010, 2011, and 2012. The values are 2.7, 3.0, and 3.3 respectively.
7. The seventh row of the table shows the values for the seventh quarter of the year 2010, 2011, and 2012. The values are 3.0, 3.3, and 3.6 respectively.
8. The eighth row of the table shows the values for the eighth quarter of the year 2010, 2011, and 2012. The values are 3.3, 3.6, and 3.9 respectively.

10.1.10

10.1.10

10.1.10

10.1.10

10.1.10

10.1.10.10

10.1.10

10.1.10

10.1.10

10.1.10.10

10.1.10

10.1.10

10.1.10