

Matematika

III qism

1

$$2+1=?$$



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I.V. Repyova

Matematika

1- sinf

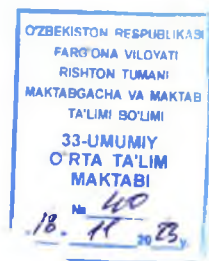
III qism

Umumiy o'rta ta'lim maktablari uchun darslik

Ta'limni rivojlantirish markazi huzuridagi Aniq fanlar bo'yicha ilmiy-metodik
kengash tomonidan tavsiya etilgan



Toshkent – 2023



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I.V.Repyova

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Shartli belgilar:



– qalam bilan ishlash
uchun topshiriq;



– yozma bajarish
uchun topshiriq;



– og'zaki bajarish
uchun topshiriq;



– juft bo'lib ishlash;



– o'ylang!

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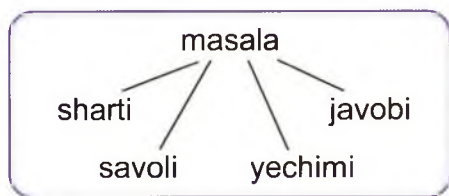
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Matematika – bu nima?

Salom! Darslikning uchinchi qismida biz matematikaning asosiy tushunchasi: masalalar bilan tanishamiz. Masalalar turlarini farqlashni va ularga doir ifodalar tuzishni o'rganamiz. Biz mantiqiy masalalar bilan tanishamiz va bunday masalalar kundalik hayotimizda qarorlar qabul qilishimizda qanday yordam berishini tushunib yetamiz.



75. Masalaning tarkibi



2	7	6
		1
4		



Masala bu — shartga va savolga ega bo'lgan matn.
Masala sharti bu — masalani yechish uchun berilgan ma'lumotlar.

Masala savoli bu — topish kerak bo'lgan ko'rsatma.
Masalaning yechimi bu — masalaning sharti bo'yicha savolga javob topish uchun tuzilgan matematik ifoda.



1. Masala tuzing. Savolga javob bering.

Bor edi
24

Keltirildi
12

Bo'ldi
?



2. Masalaning sharti va unga mos kelgan savolni birlashtiring.

Maktabda 33 ta katta va 22 ta kichik xona bor.

O'g'il bolalar qiz bolalardan nechta ko'p?

Sinfda 12 nafar qiz bola va 23 nafar o'g'il bola bor.

Likopchada nechta nok bor?

Likopchada 12 ta olma va olmalardan 7 ta kam nok bor.

Maktabda hammasi bo'lib nechta xona bor?



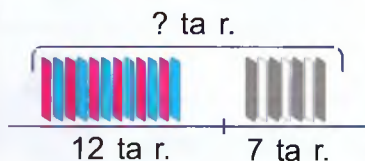
3. Sinfdoshingiz bilan musobaqalashing. Sonli zanjirnikim tezroq to'ldiradi?





4. Masalaning yechimini bilib oling.

O'qituvchi darsga 12 ta rangli va 7 ta oq-qora rasm tayyorladi. O'qituvchi darsga nechta rasm tayyorlagan?



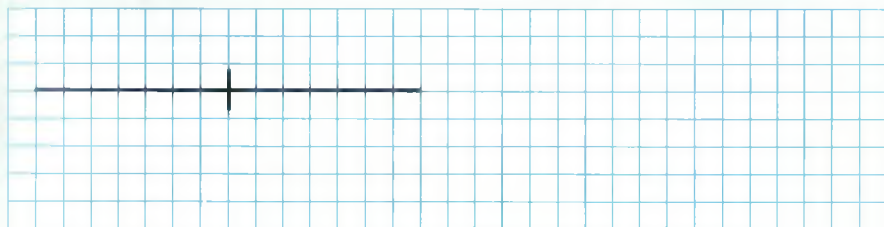
$$12 + 7 = 19 \text{ (rasm)}$$

Javob: 19 ta rasm

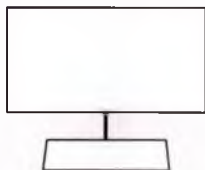


5. 4- masala modeliga muvofiq masalani yeching.

O'quvchilar 4 ta masala va 12 ta misol yechdilar. Ular hammasi bo'lib nechta topshiriq bajardilar?



6. Qalamni qog'ozdan uzmagan va chiziqlar ustidan ikki marta yurmagan holda shaklning ustidan chizib chiqing.

7. So'zni taxmin qiling.
Bu nima?

U	$26 + 31$	T	$68 - 31$
B	$45 + 54$	K	$96 - 54$
N	$73 + 14$	O	$86 - 32$

87	54	57	37	99	57	42

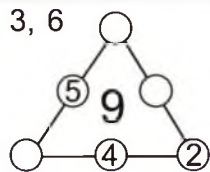
76. Masalani yechish algoritmi

Masalani yechish rejasi:

1. Ma'lumotlarni tanlang
2. Savolni aniqlang
3. Ifoda tuzing



1, 3, 6



Isgalغان masalani yechish uchun reja tuzib olinadi.



1. Masalani yeching.

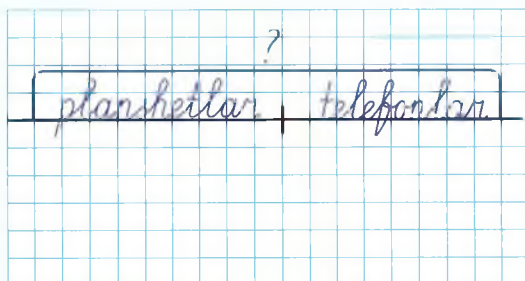


— 37 ta



— 42 ta

Hammasi ?



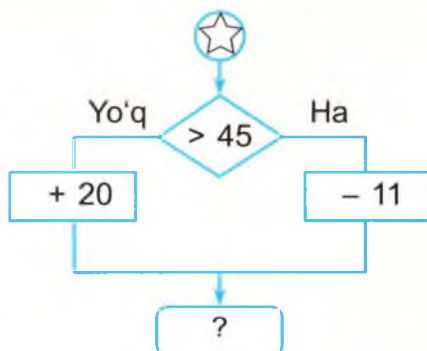
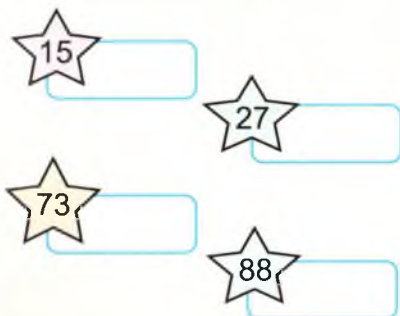
2. So'zni toping. Bu so'z masalani yechishdagi amallar ketma-ketligini anglatadi.

A	$49 + (11 + 9)$	M	$60 + (56 - 16)$
G	$37 - (45 - 22)$	O	$96 - (64 + 22)$
I	$56 + (32 - 11)$	R	$32 + (33 + 31)$
L	$85 + (86 - 74)$	T	$21 + (78 - 34)$

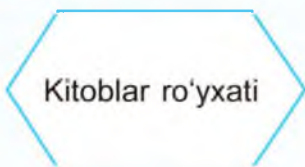
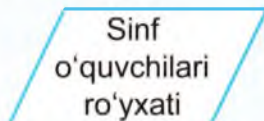
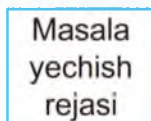
69	97	14	10	96	77	65	100



3. Algoritm bajarilgandan so'ng yulduzchalardagi sonlardan nima hosil bo'ladi.



4. Algoritmga ega bo'lgan shakllarni bo'yang.

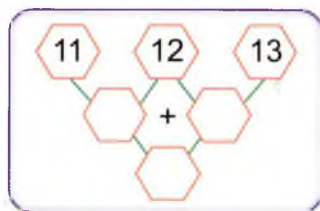
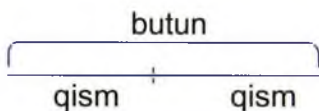


5. To'la va bo'sh stakanlar navbat bilan joylashsin. Faqat bitta stakanni qo'lga olishga ruxsat beriladi.



77. Sodda masalalar

Masala uchun sxema



Masalani yechish rejasi algoritm deyiladi.

- 1) berilganlarni aniqlash;
- 2) masalaga savol tanlash;
- 3) ifoda tuzish;
- 4) uning qiymatini hisoblash;
- 5) javobini yozish.



1. 88 ta yangi o'qish darsligidan 30 tasi keltirildi. Yana nechta kitob keltirilishi kerak?

Keltirildi	Qoldi
------------	-------



2. Sayohatga 36 nafar o'quvchi borishi kerak edi. 24 nafar o'quvchining ota-onasi chiptaga pul to'ladi. Yana nechta ota-ona pul to'lashi kerak?

To'ladi	Qoldi
---------	-------



3. Taqqoslang.

$20 + 34$	\square	44	$25 + 70$	\square	$70 + 23$
$17 + 22$	\square	40	$33 + 66$	\square	$22 + 77$

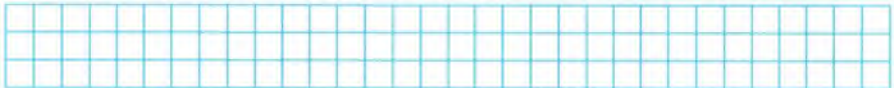


4. Xatjild ustidagi ifodaning javobi yozilgan pochta qutisiga tushishi kerak. Barcha qutilarga o'z konvertlarini soling.

$(16 + 43) - 27$	$45 + (95 - 84)$	$18 - (93 - 81)$	$(32 + 47) - 61$	$(36 - 24) + 72$
------------------	------------------	------------------	------------------	------------------



5. Qog'ozdan qalamni uzmagun hamda bitta chiziq ustidan ikkinchi marta o'tmagan holda havorang chiziqlar ustidan chizib boring. Yo'lingizda qaysi raqamli kompyuterdan o'tgan bo'lsangiz, shu raqamlarni tartib bilan yozing.



rasm

sxema



Masala sharti matn, rasm yoki sxema ko‘rinishida berilishi mumkin.



Abror 12 ta o'quv filmini tomosha qildi.
Uning tomosha qilish uchun 24 ta filmi bor.
Abrorda jami nechta ta'limiy film bor?

[illegible]

Robotlar jami nechta?

[illegible]

3. Qisqacha sharti.

$\left. \begin{array}{l} \text{Aydi} - 8 \text{ bet} \\ \text{Qoldi} - 9 \text{ bet} \end{array} \right\} ? \text{ bet}$

4. Sxema.

$\left. \begin{array}{l} \text{Radio} \\ \text{Televizor} \end{array} \right\} ?$

5. Har bir juftlikda ifodalar qanday qoida bo'yicha tuzilgan? Ularning qiymatini hisoblang.

a) $23 + 6$

$26 + 3$

d) $17 + 21$

$11 + 27$

b) $45 + 52$

$42 + 55$

e) $34 + 43$

$33 + 44$

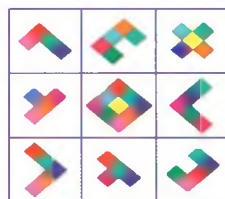
6. Sinfdoshingiz bilan musobaqalashing. Kim tezroq sehri kvadratni to'ldiradi? Ustun va qatorlardagi sonlar yig'indisi 15 ga teng bo'lishi kerak.

	9	
3		7
8		

8		
	5	
6		2

79. Masalalar yechish

butun, qismlar
masalalar yechish
ifodalar



1. Agar bitta robot mashinaga 46 qop, ikkinchisi 42 qop chiqindi yuklasa, mashina necha qop chiqindini shahardan olib chiqadi?



2. Misollarni yeching. Javoblarni kamayish tartibida joylashtiring. Harflarni yonma-yon yozing, shunda siz odamga o'xshash robotning nomini bilib olasiz.

A	$53 + 41$	D	$40 - 30$	N	$97 - 16$
O	$28 + 21$	D	$20 + 50$	R	$93 - 32$
I	$14 + 32$	Javob:			



3. Rasmga ko'ra masala o'ylab toping, ifoda tuzing va uning qiymatini toping.



31



23







25

[illegible]



4. Ko'rgazmada robotlar to'plagan ballar jadvalga yozilgan. Eng katta umumiy ball to'plagan robot g'olib sanaladi.

	 <input type="text"/>	 Bibi	 Pinki	 Aybo
1- topshiriq	5	4	5	3
2- topshiriq	3	4	2	5
3- topshiriq	5	2	4	4
Umumiy ball				

Musobaqada qaysi robot g'olib bo'ldi?



5. Sinfdoshingiz bilan musobaqalashing. Kim birinchi bo'lib o'zining robotini yonayotgan uyga olib o'tadi? Katalardan shunday yurish kerakki, misollarning birinchi soni oldin kelgan misolning natijasiga teng bo'lsin.

88 - 14	74 + 11		73 + 12	30 + 43
30 + 58	22 + 52	32 + 15	40 + 33	57 - 27
49 - 19	24 + 25	45 - 13	31 + 11	42 + 15
40 + 9	36 - 12	48 + 11	56 - 25	30 + 12
20 + 10	30 + 6	24 - 14	40 + 16	30 + 10



80. Butunni topishga doir masalalar

butun va qismlar
qism + qism = butun



1. Masalaga ifoda tuzing va uni yeching.

Harbiy
dronlar



42



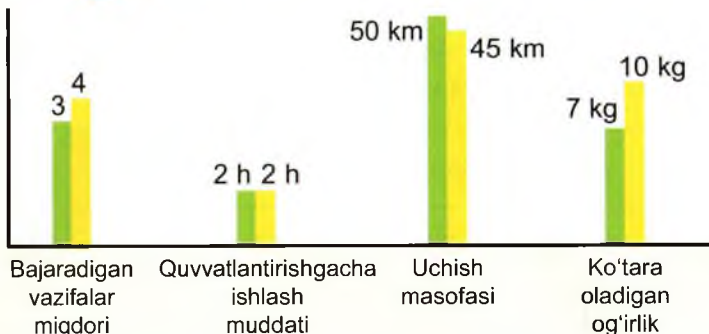
Fuqorolik
dronlari

27

? ta dron

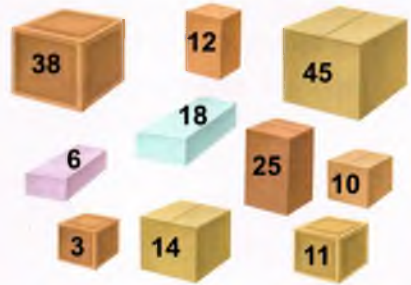


2. Kichik loyiha. Fermer o'z dalalarini kuzatib turish uchun dron sotib olishni rejalashtirdi. Fermerga eng yaxshi dronni tanlashiga yordam bering.





3. Katta dronlar 30 kg gacha bo'lgan yuklarni yetkazib bera oladi. Bunday dron ko'tara oladigan og'irlikdagi yuklarni umumiy chiziq bilan aylanaga oling.



4. Hisoblang.

$34 + 11$	$47 + 21$	$23 + 35$
$53 - 11$	$18 - 16$	$98 - 56$



5. Masalani yeching.

Birinchi dron - 35 ta foto	}	?
Ikkinchi dron - 49 ta foto		

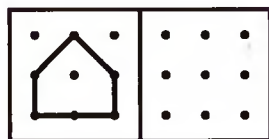


6. O'rdakchanning og'irligini toping.



81. Butunni topishga doir masalalar

butun va qismlar
 $\text{qism} + \text{qism} = \text{butun}$



1. Hisoblang.

$7+4$

$6+6$

$3+9$

$8+5$

$9+7$

$8+8$

$6+9$

$7+7$

$7+8$

2. Masala shartini qisqacha ifodalang va yeching.
Uy ishlariga yordam beruvchi robotni yaratish ustida
12 nafar muhandis va 8 nafar dasturchi ishladi.
Hammasi bo'lib robotni necha kishi yaratdi?

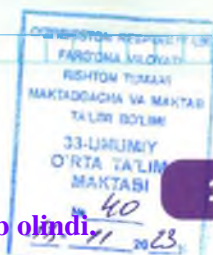
Muhandis -
Dasturchi - } ?

3. Sxema bo'yicha to'rtta masala tuzing. Masalalarga ifoda tuzing va ularning qiymatlarini toping. Masalalarning umumiyliigi nimada? Nima bilan farq qiladi?

Hammasi bolib?
Yigib olindi, Qoldi

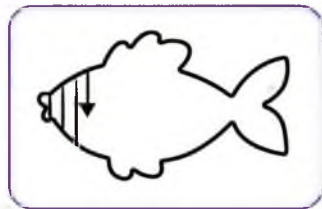
- $1 + 3 + 5 + 7 + 9$
 $1 + 2 + 3 + 7 + 8 + 9$
 $1 + 2 + 3 + 4 + 5 + 6 + 7 + 8 + 9$

© 2000-2001, 2003-2004, 2006-2007, 2009, 2010, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 2679, 2680, 2681



82. Butunni topishga doir masalalar

Butun va qismlar
qism + qism = butun



=



1. Sonlarni 10 gacha to'ldiring.

$9 + \square = 10$	$5 + \square + 4 = 10$	$\square + 8 = 10$
$\square + 5 = 10$	$2 + 3 + \square = 10$	$\square + 1 = 10$



2. Hisoblang.

$7 + 3 = \square$	$5 + 6 = \square$	$9 + 4 = \square$	$7 + 9 = \square$
$6 + 4 = \square$	$8 + 7 = \square$	$5 + 8 = \square$	$9 + 8 = \square$



3. Kasalxonada nechta robot ishlayapti?



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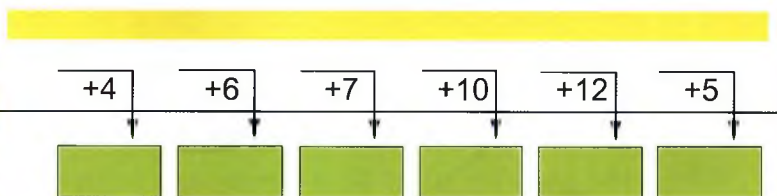
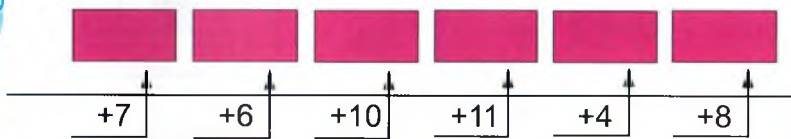
4. Kasalxonaning ikkinchi qavatida bir necha bemor davolanyapti. Ulardan yetti nafari dorilarini olishdi. Qolgan to'rt nafar bemorga dorilarni robot olib boradi. Kasalxonaning ikkinchi qavatida necha nafar bemor davolanyapti?



--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

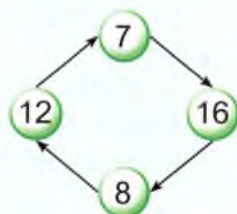
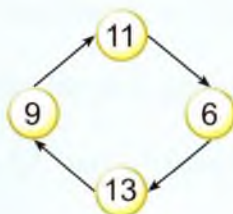
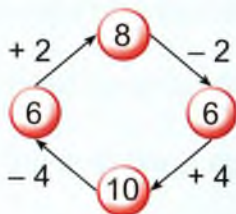


5. Sinfdoshingiz bilan musobaqalashing. Yo'lakdan robotni kim tezroq olib o'tadi? Kim to'g'ri bajardi?



6. Har bir strelkaning ustida qanday son va qanday amal belgisi turishi kerak? Namunada topshiriq qanday bajarilganini ko'ring.

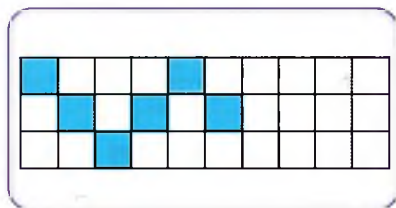
Namuna:



7. a) 1 dan 20 gacha bo'lgan sonlarni ortib borish tartibida ayting.
- b) 2 dan 20 gacha bo'lgan juft sonlarni ayting.
- d) 5 dan 30 gacha bo'lgan sonlarni beshtalab sanang.
- e) 10 dan 100 gacha bo'lgan sonlarni o'ntalab sanang.
- f) 5 dan 15 gacha bo'lgan sonlarni teskari tartibda sanang.
- g) 99 sonining „qo'shnilarini“ ayting.

83. Qismlarni topishga doir masalalar

Butun va qismlar
 $\text{qism} + \text{qism} = \text{butun}$
 $\text{butun} - \text{qism} = \text{qism}$



1. Ushbu qismlarning bir butunligi nimadan iboratligini toping.



2. a) Birinchi qo'shiluvchi 7, ikkinchisi 13. Yig'indini toping.
- b) Qismlari 6 va 12 sonlaridan iborat bo'lgan butunni toping.
- d) Yig'indi 13, ikkinchi qo'shiluvchi 4. Birinchi qo'shiluvchini toping.
- e) Butun 17 ga, uning ikkinchi qismi 10 ga teng. Birinchi qismini toping.
- f) 20 sonini hosil qilish uchun 17 soniga qanday sonni qo'shish kerak?
- g) 19 sonini hosil qilish uchun qanday sonni 13 ga qo'shish kerak?



3. Masalani yeching.

Robototexnika mashg'uloti uchun 46 ta qism tayyorlandi. Ushbu qismlarning 36 tasidan robot yasaldi. Nechta qism qoldi?

[illegible]



$$\begin{array}{lll} 40 + \square\square = 68 & 12 + \square\square = 46 & 53 + \square\square = 60 \\ \square\square + 34 = 98 & \square\square + 36 = 76 & \square\square + 73 = 80 \end{array}$$



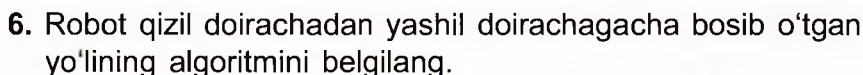
Bunda 24 ta egri chiziq + ? ta sinig chiziq = 69 ta chiziq

[illegible]

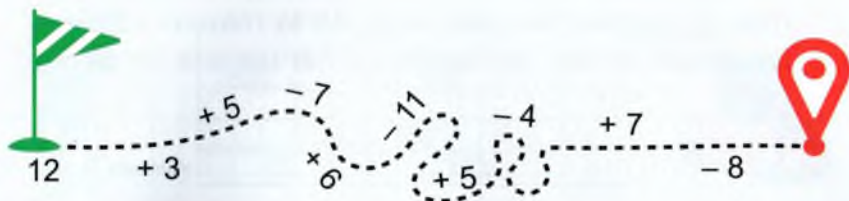
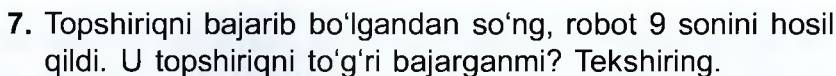
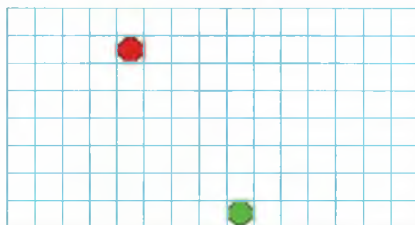
17 ta uchburchak + ? kvadrat = 79 ta shakl bo'lsa-chi?

[illegible]

62 ta konus + ? silindr = 89 ta hajmli jism bo'lsa-chi?

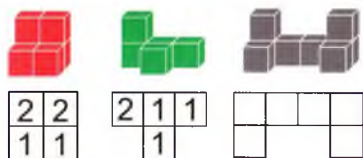
[illegible]

- a) $1 \rightarrow, 3 \downarrow, 3 \leftarrow, 3 \downarrow, 2 \rightarrow$
b) $1 \rightarrow, 3 \downarrow, 4 \leftarrow, 2 \downarrow, 1 \rightarrow$
c) $1 \rightarrow, 2 \downarrow, 2 \rightarrow, 4 \downarrow, 1 \rightarrow$
d) $1 \rightarrow, 2 \downarrow, 2 \rightarrow, 1 \downarrow, 1 \rightarrow$
e) $1 \rightarrow, 2 \downarrow, 2 \rightarrow, 1 \downarrow, 1 \rightarrow$



84. Qismlarni topishga doir masalalar

Butun va qismlar
 $qism + qism = butun$
 $butun - qism = qism$



1. Jadvalni to'ldiring.

Qo'shiluvchi	13	42		11	98		
Qo'shiluvchi	54		13		1	60	40
Yig'indi		68	57	21		100	40



2. Topping.

17 soni hosil bo'lishi uchun 13 soniga nechta birlik yetmaydi?

[illegible]

90 soni hosil bo'lishi uchun 50 soniga qaysi sonni qo'shish kerak?

[illegible]

56 soni hosil bo'lishi uchun 53 sonini nechtaga orttirish kerak?

[illegible]

3. Butun Jahon robototexnika kuniga bag'ishlangan bayramda 18 ta to'garak qatnashchisi va ularning ota-onalariga maxsus belgilar tarqatildi. Agar 48 ta maxsus belgi tarqatilgan bo'lsa, bayramga nechta ota-ona kelgan?

[illegible]

84. Qismlarni topishga doir masalalar

4. Taqvimdan foydalanib, masalani yeching.

Aziz butun Jahon robototexnika kuniga bag'ishlangan bayramni nishonlash uchun 17 kun qolganini taqvimga qarab hisobladi. U hisobni qaysi sanadan boshlagan?

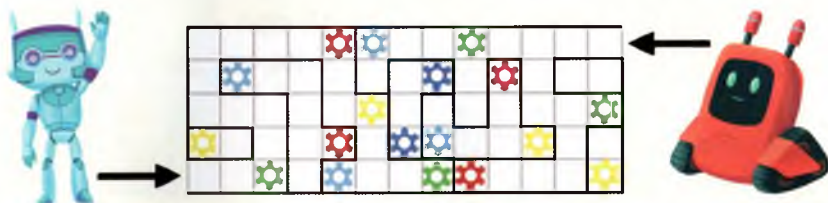
	Dushanba	Seshanba	Chorshanba	Payshanba	Juma	Shanba	Yakshanba
	30	31	1	2	3	4	5
6	7	8	9	10	11	12	
13	14	15	16	17	18	19	
20	21	22	23	24	25	26	
27	28	29	30	31	1	2	
3	4	5	6	7	8	9	
10	11	12	13	14	15	16	
17	18	19	20	21	22	23	
24	25	26	27	28	29		



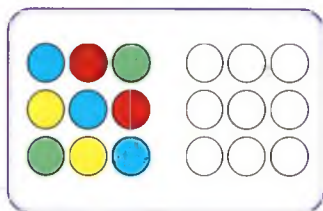
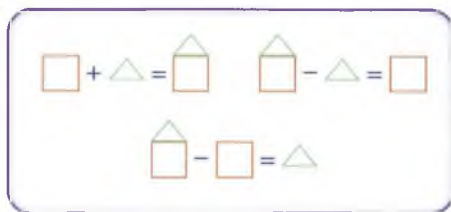
5. Ortiqcha ifodani ko'rsating.

a)	$8 - 3$	$5 + 3$	$8 - 5$	$5 - 3$
b)	$9 + 4$	$13 - 9$	$4 + 1$	$13 - 4$
d)	$6 + 14$	$14 - 6$	$20 - 6$	$20 - 14$

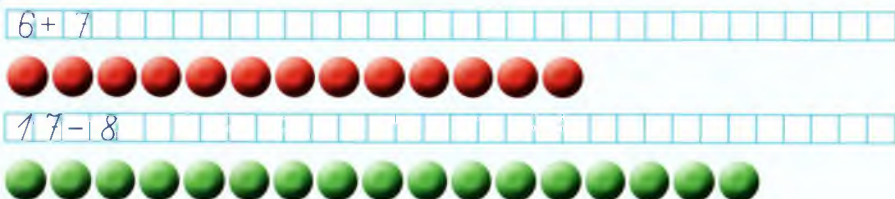
6. Sinf doshingiz bilan musobaqalashing. Kimning roboti ko'proq detal yig'adi? Labirintda nechta detal qoladi?



87. Masalalar yechish



1. Rasmda amallarni ifodalang.



2. Masalalarni yeching.

Jo'natma Yevropadan O'zbekistonga 5 kun davomida samolyotda va yana 5 kun poyezdda keltirildi. Jo'natma necha kunda kelgan?



Pochtachi 78 ta xonadonga xatlarni yetkazishi kerak. Agar u 32 ta xonadonga xatlarni yetkazgan bo'lsa, yana nechta xonadon qoldi?



3. Noto'g'ri turgan qutilar ustiga chiziq torting.

30 dan
kichik bo'lgan



45 dan
katta bo'lgan





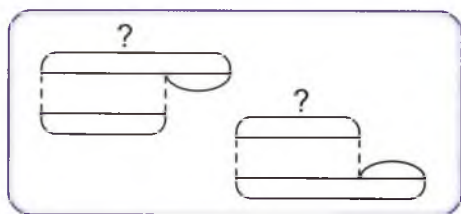
4. Rasmda pochtadan uygacha bo'lgan yo'l tasvirlangan. Chiziqlar yonida yozilgan raqamlar shu masofani bosib o'tishga sarflangan vaqtni anglatadi. Pochtachining uyiga tezroq yetib borishiga yordam bering. Eng qisqa yo'lni bo'yang.



5. Pochtachi havorang, sariq va yashil ranglardagi 3 ta xat olib keldi. Xatning rangi eshik rangiga mos kelmaydi. Sariq xatni o'rtadagi eshikka olib kelmadi. Darchalarda qoldirilgan xatlarning rangini tasvirlang.



86. Sonni orttirish va kamaytirishga doir masalalar

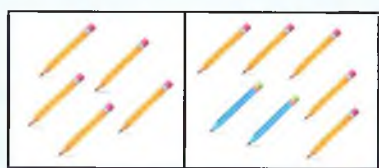


$$\begin{array}{|c|c|c|} \hline & & \\ \hline & & \\ \hline & & \\ \hline \end{array} = 9 \quad + = 1$$

$$\begin{array}{|c|c|} \hline & \\ \hline & \\ \hline \end{array} = ?$$



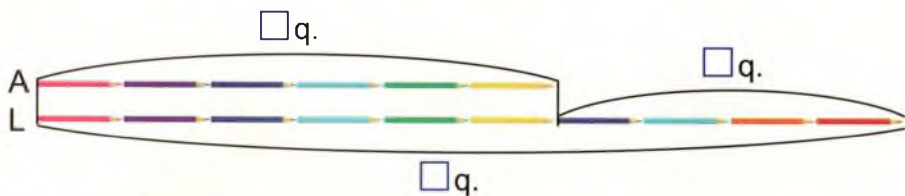
1. Har bir juftlikdagi rasmlarni taqqoslang.
Rasmlarda nima o'zgardi?



$6 + 2 = \square$	$\square + \square = \square$
$8 - 2 = \square$	$\square + \square = \square$



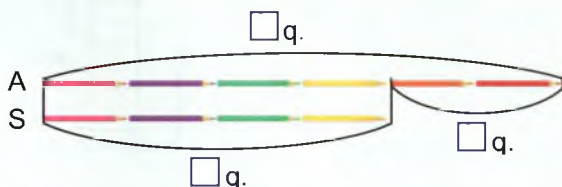
2. Azizning 6 ta rangli qalami bor.
Lolada esa 4 ta qalam ko'p.
Lolaning nechta rangli qalami bor?



$\square + \square = \square$																			
-------------------------------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--



3. Saidning qalamlari Aziznikidan 2 ta kam. Saidning nechta rangli qalami bor?

[illegible]

4. Kompyuter xonasidagi stollar ikki qator qilib qo'yilgan. Chap tomonda 6 ta, o'ng tomonda esa 1 ta stol kam. O'ng tomonda nechta stol bor?

[illegible]

5. Tokchaniing ustki qatorida 7 ta darslik turibdi. Pastki qatordagi darsliklar soni ustki qatordagi darsliklardan 4 ta ko'p. Pastki qatorda nechta darslik bor?

[illegible]


6. Bir xil rangdagi kataklarning bo'shiga ko'rsatilgan sondan 1 ta katta sonni yozing.



87. Sonni orttirish va kamaytirishga doir masalalar

... ta kam



28	-	7	=	
-				+
=				=
	+	1	=	24



1. Informatika to'garagiga 14 nafar bola qatnashadi. O'g'il bolalar qizlardan ko'proq. Mashg'ulotda necha nafar qiz bola qatnashgan bo'lishi mumkin?



- 2. Ifodalar tuzing va ularni hisoblang.**

52 dan 17 ta ortiq.

[illegible]

49 dan 18 ta kam.

[illegible]

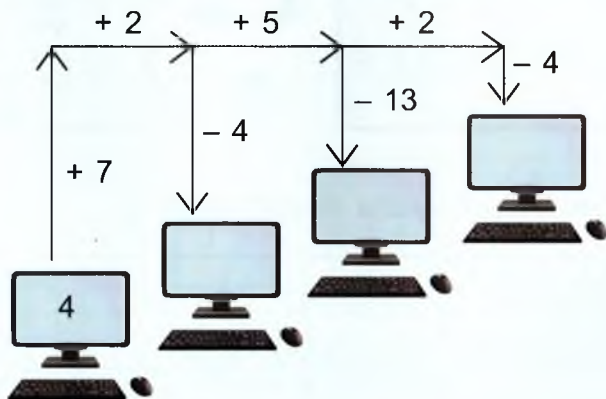
70 dan 30 ta ortiq.

[illegible]

3. Bolalar 10 ta sodda va ulardan 3 ta kam murakkab topshiriq bajara oldilar. Nechta murakkab topshiriq bajarilgan?

[illegible]

4. Har bir kompyuter qanday qiymatga ega bo'ladi?



5. Sonlarni o'sish tartibida yozing.
Har bir keyingi son qanchaga ortadi?

1, 9, 5, 3, 7.

3, 12, 6, 15, 9.

6. Sonlarni kamayish tartibida yozing.
Har bir keyingi son qanchaga kamayadi?

7, 5, 6, 4, 3.

5, 20, 25, 15, 10.

7. Xabar jo'natilayotganda ortiqcha belgilar aralashib ketdi.
Shu xabarni o'qiy olasizmi?

!7A23V9%V61A5?L// >O'(6Y4L54A--,
9K*E%2Y1>I<5N2! #S68O'1Y1@L!5A?.

88. Sonni orttirish va kamaytirishga doir masalalar

... ta ortiq



... ta kam



1. Berilgan shart bo'yicha masala yeching.

Ogil bolalar - 18 ta doira
 Qiz bolalar - ?, 3 ta doira kam
 Yechilishi:

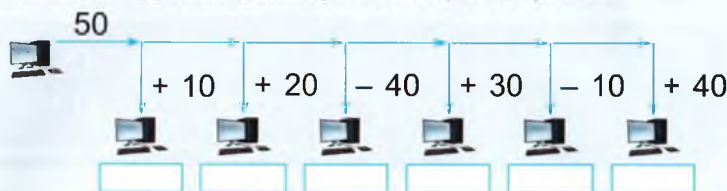


2. Shakllarni topshiriq shartiga ko'ra bo'yang.

Qizil - 6 ta katakcha
 Kok - ?, 10 ta katakcha kop
 Sarig - 10 ta katakcha kop



3. Har bir kompyuter qanday sonni qabul qiladi?



88. Sonni orttirish va kamaytirishga doir masalalar



4. Misollarni yeching va yashiringan so'zni toping. Qanday so'z hosil bo'ldi?

E	22 - 20 + 3	R	66 + 2 - 60
I	14 - 12 + 1	P	49 - 30 - 10
N	45 - 41 + 6	T	13 + 14 - 20

9	8	3	10	7	5	8



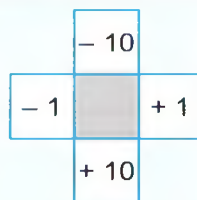
5. Namuna bo'yicha kataklarni to'ldiring.

yuqoriga: - 10

pastga: + 10

chapga: - 1

o'ngga: + 1



	67			70				16
76							22	
								36
96						43	45	

51					46		48	
			64					
			74					69
				85	75			



6. Bo'sh kvadratga kerakli shaklni chizib, qatorni davom ettiring.



7. Keyingi ikkita sonni yozing.

1, 5, 2, 6, 3, 7, ,

10, 90, 11, 89, 12, 88, ,

89. Sonni orttirish va kamaytirishga doir masalalar

... ta ortiq
qancha ortiq?
... ta kam
qancha kam?

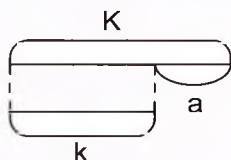


$$\begin{array}{rclcl} \text{apple} & + & \text{apple} & + & \text{apple} & = & 9 \\ \text{apple} & + & \text{lemon} & + & \text{lemon} & = & 17 \\ \text{apple} & + & \text{lemon} & + & \text{apple} & = & ? \end{array}$$

1. Sxemalarni to'ldiring va savollarga javob bering.

7 soni 9 sonidan qancha kichik?	11 soni 8 sonidan qancha katta?	16 soni 19 sonidan qancha kichik?	50 soni 40 sonidan qancha katta?

2. Tengliklarni to'ldiring. „Katta son“, „kichik son“, „ayirma“ soʻzlaridan foydalaning.



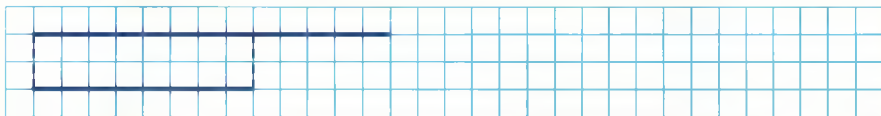
$$k + a = \square$$

$$a + k = \square$$

$$K - k = \square$$

$$K - a = \square$$

3. Jonli gidning surat haqida hikoyasi 12 minut, virtual gidning hikoyasi esa 5 minut kam vaqt davom etadi. Virtual gid surat haqida qancha vaqt hikoya qiladi?



89. Sonni orttirish va kamaytirishga doir masalalar



4. Tushirib qoldirilgan sonlarni yozing.

$8 + \square = 17$	$80 - \square = 20$	$\square - 43 = 30$
$\square + 3 = 11$	$\square + 10 = 80$	$40 + \square = 75$



5. Namuna bo'yicha to'ldiring.

<div style="display: flex; align-items: center; justify-content: center;"> <div style="border: 1px solid black; padding: 2px; margin: 2px;">28</div> <div style="border: 1px solid black; padding: 2px; margin: 2px;">37</div> <div style="border: 1px solid black; padding: 2px; margin: 2px;">38</div> <div style="border: 1px solid black; padding: 2px; margin: 2px;">39</div> </div> <div style="border: 1px solid black; padding: 2px; margin: 2px;">48</div>	<div style="display: flex; align-items: center; justify-content: center;"> <div style="border: 1px solid black; padding: 2px; margin: 2px;">21</div> </div>	<div style="display: flex; align-items: center; justify-content: center;"> <div style="border: 1px solid black; padding: 2px; margin: 2px;">55</div> </div>	<div style="display: flex; align-items: center; justify-content: center;"> <div style="border: 1px solid black; padding: 2px; margin: 2px;">29</div> </div>	<div style="display: flex; align-items: center; justify-content: center;"> <div style="border: 1px solid black; padding: 2px; margin: 2px;">62</div> </div>	<div style="display: flex; align-items: center; justify-content: center;"> <div style="border: 1px solid black; padding: 2px; margin: 2px;">32</div> </div>
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6. Agar:

- birliklar xonasining raqami 2 ga orttirilsa, 72 soni;
- o'nliklar xonasining raqami 5 ga orttirilsa, 34 soni;
- o'nliklar xonasining raqami 7 ga orttirilsa, 28 soni;
- birliklar xonasining raqami 3 ga orttirilsa, 61 soni qanday son bo'ladi?



7. Kubchalarning qaysi biri katta kubning ichida turishi kerak?



1



2



3

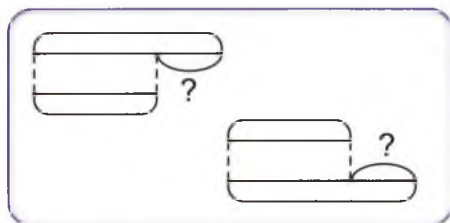


4

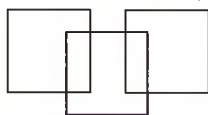


5

90. Taqqoslashga doir masalalar



Qalamni qog'ozdan
uzmagan holda chiziqlar
ustidan chizib chiqing



1. Masalani yeching.

Bayramga 1-„A“ sinf o'quvchilari 8 ta rasm, 1-„B“ sinf o'quvchilari 6 ta rasm chizishdi.

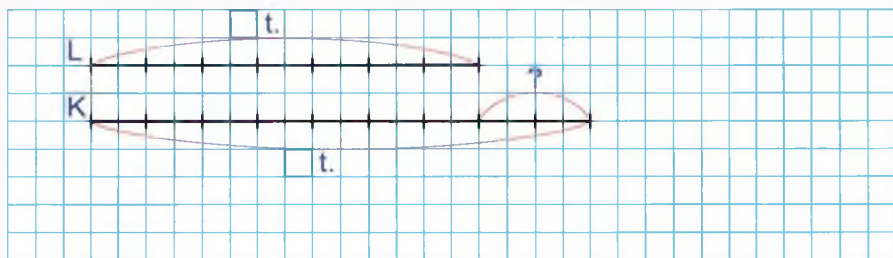
- Bolalar hammasi bo'lib nechta rasm chizishgan?
- Kim ko'proq va qanchaga ko'p rasm chizgan?

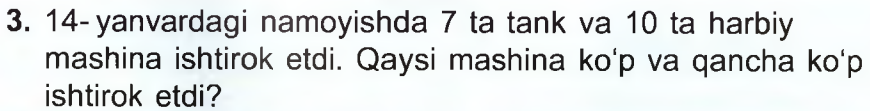
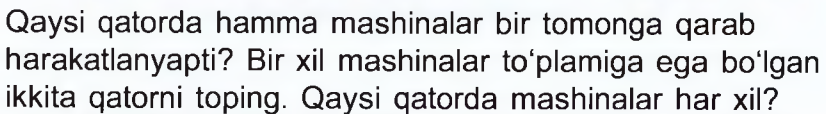
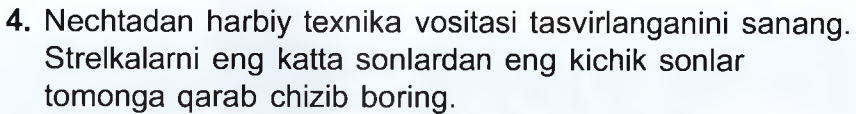


Bir son boshqasidan qancha katta ekanligini bilish uchun katta sondan kichikroq sonni ayirish kerak.



- Lola bilan Komila sharlarni bog'lash uchun tasmalar qirgishdi. Lola 7 ta tasma, Komila 9 ta tasma qirqdi. Kim ko'p va qancha ko'p tasma qirqdi?



[illegible]

10 gacha	3	9	1	5
20 gacha	12	15	17	19
12 gacha	9	8	6	1

91. Taqqoslashga doir masalalar

qancha katta?
qancha kichik?



1. Quyosh atrofida aylanuvchi sayyoralar: Merkuriy, Venera, Yer, Mars, Yupiter, Saturn, Uran, Neptunni ko'zdan kechiring.



Sayyoralarning nomlarini ular o'lchamining kichrayib borishi tartibida yozing.

--	--	--	--	--	--	--	--



2. Savollarga javob bering.

Sayyoralarning yo'ldoshlari soni							
Merkuriy	Venera	Yer	Mars	Yupiter	Saturn	Uran	Neptun
0	0	1	2	79	82	27	14

- Uraning yo'ldoshi ko'pmi yoki Neptunnikimi? Qancha ko'p?
- Yupiterning yo'ldoshi ko'pmi yoki Marsnikimi? Qancha ko'p?
- Qaysi sayyoraning yo'ldoshi eng ko'p?
- Qaysi sayyoraning yo'ldoshi yo'q?
- Yupiter sayyorasining yo'ldoshi Saturn sayyorasining yo'ldoshidan qancha kam?



3. Masalani yeching.

To'g'ri javoblari uchun birinchi qator 14 ta yulduzcha, ikkinchi qator 19 ta yulduzcha oldi. Ikkinchi qator birinchi qatorga qaraganda qancha ko'p yulduzcha oldi?

[illegible]

4. Ifoda tuzing va uni hisoblang.

(53 + 45) ifodaning qiymati 67 sonidan qancha ko'p?

[illegible]

30 soni $(20 + 50)$ ifodaning qiymatidan qancha kam?

[illegible]

5. 16 soni 18 sonidan qancha kichik bo'lsa, 7 sonidan shuncha kichik bo'lgan sonni toping.

A wooden ruler with a scale from 0 to 20 cm. The ruler is light brown with black markings and numbers. The numbers are placed below the scale line. The scale is marked in millimeters, with every millimeter labeled with a number from 0 to 20.

6. Yashiringan so'zlarni aniqlab yozing va „ortiqcha“ so'zni toping.

	a	b	d	e
1	Q	V	R	O
2	P	A	U	T
3	E	Y	N	Sh
4	Y	H	M	I

1) a1 d2 a4 e1 e3

2) b1 a3 d3 a3 d1 b2

3) b3 d2 a2 e4 e2 a3 d2

4) $a_4 \quad a_3 \quad d_1$

92. Taqqoslashga doir masalalar

qancha katta?
qancha kichik?



5	3	1
1	5	
3		5



1. Har bir yulduzlar turkumida nechtadan yulduz bor?



Katta
Ayiq



Kichik
Ayiq



Jirafa



Kassiopeya



Ajdard

- A) Qaysi yulduzlar turkumida yulduzlar eng ko'p?
- B) Ajdard yulduzlar turkumidagi yulduzlar soni Jirafa yulduzlar turkumidagi yulduzlar sonidan qancha ko'p?
- D) Qaysi yulduzlar turkumida yulduzlar soni teng.



2. Taqqoslang.

$22 + 3 \square 22 + 4$	$46 + 2 \square 3 + 46$	$43 + 5 \square 45 + 3$
$a + 3 \square a + 5$	$b + 10 \square 10 + b$	$c + 11 \square 12 + c$



3. Quyidagi narsalarni ular yorqinligining ortib borishi tartibida joylashtiring.



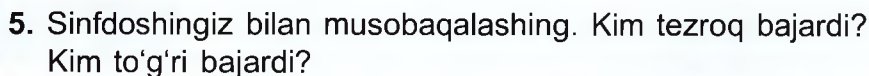
☐ ☐ ☐ ☐ ☐

[illegible]

16 sonidan 9 ta kam bo'lgan sonni toping.

[illegible]

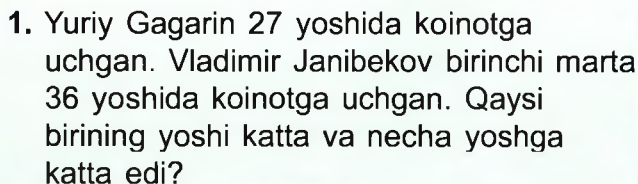
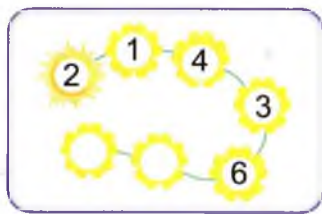
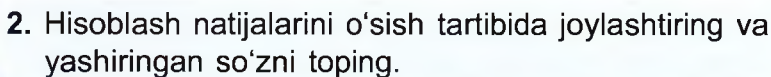
70 soni 85 sonidan qancha kam?

[illegible]

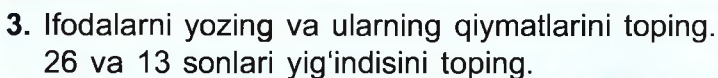
M V ... M Yu S U N

93. Taqqoslashga doir masalalar

qancha kichik?

[illegible]

E	E	K	L	O	P	S	T
35 – 5	24 – 10	65 – 22	42 – 21	76 – 15	97 – 12	57 – 17	30 – 20

[illegible][illegible]

77 va 12 sonlari ayirmasini toping.

[illegible]

76 soni 88 sonidan qanchaga kichik?

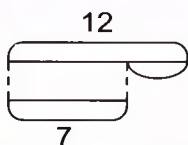
[illegible]

4. Berilgan qisqacha shart bo'yicha masala tuzing va uni yeching.

Teleskoplar - 45 ta
 Karutalar - 12 ta

?) ta kop

5. Rasmga qarab tuzish mumkin bo'lgan barcha tengliklarni yozing.



$$12 - 7 =$$

6. Taqqoslang.

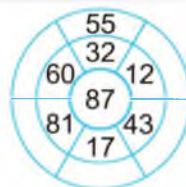
$\star + 3$	$\star + 5$	$\text{C} + 1$	$\text{C} - 1$
$\text{O} + 10$	$10 + \text{O}$	$\text{O} + 10$	$10 + \text{O}$
$\triangle - 18$	$\triangle - 14$	$10 - \text{O}$	$15 - \text{O}$

7. Yulduzlarni shunday bo'yangki, sariqlar qizillardan, qizillar ko'klardan va ko'klar yashillardan ko'p bo'lsin.



94. Murakkab masalalar yechish

murakkab ifodalar
amallar tartibi



1. Qulay usul bilan hisoblang.

$$3 + 4 + 6$$

$$5 + 18 + 5$$

$$72 + 3 + 8$$

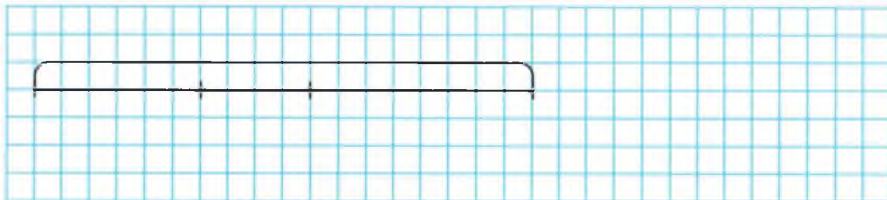
$$7 + 8 + 3$$

$$9 + 13 + 1$$

$$69 + 4 + 6$$



2. Ochiq darsda uch nafar o'quvchi so'zga chiqishi kerak. Birinchi o'quvchi she'rni 3 minut, ikkinchi o'quvchi 2 minut, uchinchi o'quvchi 4 minut davomida o'qidi. Ular necha minut o'qishgan?



3. Hisoblang.

$$(17 + 21) - 18$$

$$(43 - 21) + 57$$

$$54 - (28 - 21)$$

$$31 + (52 - 41)$$

$$(73 - 11) + 21$$

$$58 + (27 - 11)$$



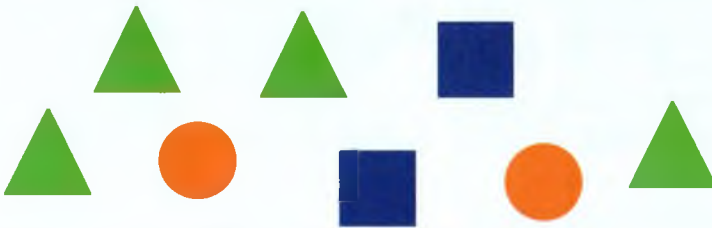
4. PAXTA, SODDA va DASTA so'zlaridagi bir xil harflar bir xil shakllar bilan almashtirildi. Shu so'zlarning yashiringan rasmlarini ko'rsating.



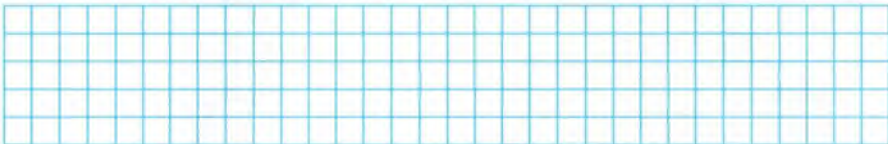
Mantiqiy masalalar shunday masalalarki, ular hisoblash yo'li bilan emas, balki fikrlash orqali yechiladi.



5. Kvadrat va doiralarni chizishni shunday davom ettiringki, kvadratlar doiralardan 2 ta ortiq, doiralar uchburchaklardan 1 ta kam bo'lsin.



6. Qizil rangli to'g'ri chiziq chizing. Shu to'g'ri chiziq bilan kesishishmaydigan ko'k rangli yopiq egri chiziq chizing.



95. Shartni yetishmayotgan ma'lumotlar bilan to'ldirish

to'liqsiz shart

savol



+	×	*
◇	▲	◆
⊕	⋮	?



1. Matnlarni shunday to'ldiringki, ulardan masala hosil bo'lsin.

Oilaviy albomda
15 ta oq-qora va
55 ta rangli suratlar bor.

Hurmat taxtasida
15 nafar o'quvchi va
12 nafar o'qituvchi
suratlari bor.



2. Rasmlarga qarab,
masala shartini
to'ldiring.
Maktab binosida
___ ta kamera,
hovlisida ___ ta
kamera o'rnatilgan.
Maktabda nechta
kamera bor?



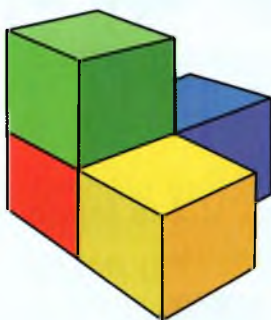
3. Berilgan shart bo'yicha
sonli ifoda tuzing va
hisoblang.

$$\begin{array}{l}
 10\text{nl. } 3\text{ birl.} + 50\text{nl. } 6\text{ birl.} = \\
 = \\
 70\text{nl. } 8\text{ birl.} - 20\text{nl. } 1\text{ birl.} = \\
 = \\
 30\text{nl. } 9\text{ birl.} + 40\text{nl.} = \\
 =
 \end{array}$$

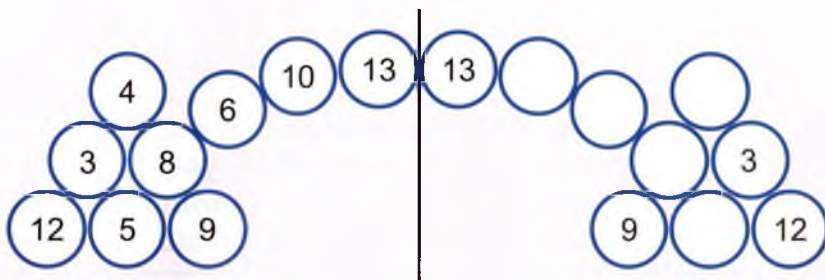
4. Juftliklarni tutashtiring.

sutka	yanvar	soat	hafta	yil
•	•	•	•	•
•	•	•	•	•
12	24	7	31	60

5. Agar shaklga yonidan, yuqoridan, pastdan qarasangiz, uning ko'rinishi qanday shaklga o'xshaydi? To'g'ri variantlarni qalam bilan aylanaga oling.



6. Qonuniyatni aniqlang va bo'sh doirachalarni to'ldiring. Shaklning chap va o'ng qismlari nimasi bilan o'xshash?



96. Nostandart masalalar

mantiqiy masalalar
variantlarni tanlash



$$\begin{array}{rcl} \text{lightbulb} + \text{lightbulb} & = & 45 \\ \text{lightbulb} + \text{lightbulb} + \text{lightbulb} & = & 67 \\ \text{lightbulb} + \text{lightbulb} & = & ? \end{array}$$



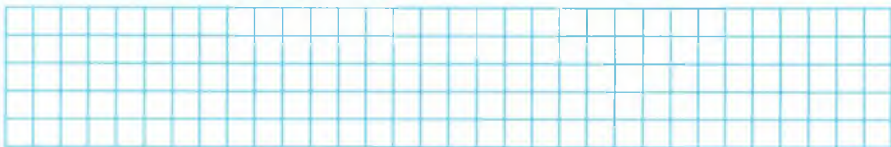
1. Sayrdan oldin o'quvchilar maktab oshxonasida ovqatlanishdi. Ular 6 ta stolni egallashdi, 1 ta stol bo'sh qoldi. Shu stolning nomeri qanday bo'lish mumkin? 6 ta stolni band qilishning nechta usuli bor?



1 2 3 4 5 6 7



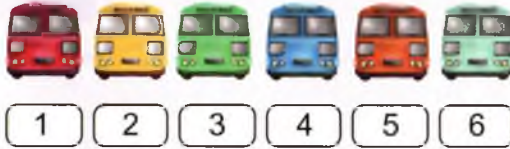
2. Aziz 4 ta finjon qo'yilgan stolga o'tirdi. U 2 ta finjonni necha usulda tanlashi mumkin? Tasvirlang.



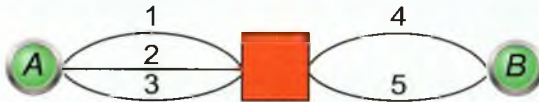
Barcha mantiqiy mazmunga ega masalalar yechimlarni tanlash usuli orqali yechiladi. Buning uchun masala yechimlarining har xil usullarini yozib chiqish kerak bo'ladi.



3. O'quvchilarni avtobusda sayrga olib borishdi. Sayr rahbari istagan avtobusda ketishi mumkin. Rahbarda avtobus tanlashda nechta imkoniyat bor?



4. O'quvchilar sayrda A yalanglikdan B yalanglikka o'tishlari kerak.



Barcha mumkin bo'lgan yo'llarni yozing.

1 → 4, _____, _____, _____, _____, _____



5. Sayrning oxirida har bir o'quvchiga sharbat va somsa tarqatildi. Sharbat olmal (O) va apelsinli (A), somsa go'shtli (G) va kartoshkali (K) edi. Sharbat va somsalarni tanlashning nechta xil usulini tuzish mumkin?

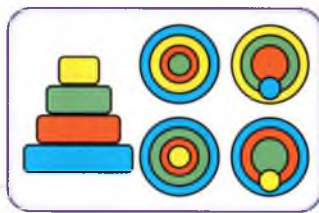
OG, _____, _____, _____, _____, _____



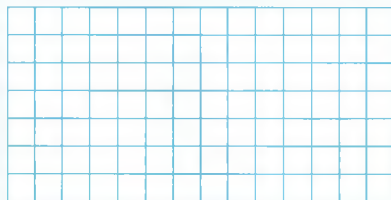
6. Misollarni yeching va siz variantlarni tanlashga doir masalalarni matematikaning qaysi bo'limi o'rganishini bilib olasiz.

A	$13 + 31$	B	$59 - 36$	N	$81 - 70$
I	$67 - 32$	K	$34 + 15$	T	$13 + 7$
O	$78 + 11$	M	$72 - 12$	R	$21 + 20$

49	89	60	23	35	11	44	20	89	41	35	49	44


$$\begin{array}{r} 4 + (15 - 10) \\ 17 - (6 + 4) \end{array} \qquad \begin{array}{r} 40 + (65 - 25) \\ 13 + (28 - 16) \end{array}$$
[illegible][illegible]

A decorative graphic consisting of several red and blue buttons of different sizes and patterns (some with holes, some with dots) scattered across the page.



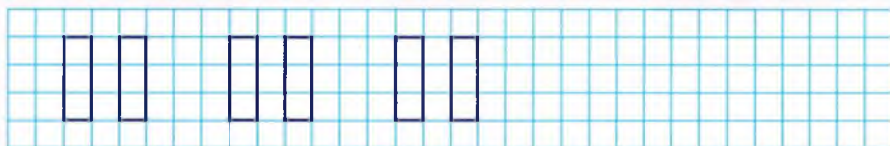


5. Taqqoslang.

$70 + 3 \square 30 + 7$	$43 + 3 \square 43 - 3$	$24 + 5 \square 23 + 6$
$50 + 2 \square 20 + 5$	$14 - 6 \square 14 + 6$	$62 + 4 \square 63 + 3$



6. Bir malikaning har xil rangdagi 3 ta lentasi bor. U ikkita lenta bilan sochini o'rmoqchi. Malika lentalarni tanlashda nechta usuldan foydalanadi? Usullarni turli ranglarga bo'yang.



7. Bir ipni ifodalar qiymati 13 ga teng bo'lgan tugmalardan o'tkazing. Ikkinchi ipni ifodalar qiymati 15 ga teng bo'lgan tugmalardan o'tkazing. Ipni egri chiziq ko'rinishida tasvirlang.

$14 - 2$



$6 + 7$



$9 + 6$



$66 - 53$



$88 - 73$



$8 + 7$



$47 - 34$



$45 - 30$



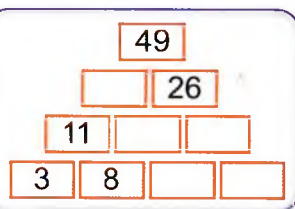
$8 + 5$



$13 + 3$

Nechta tugma ipga tizilmagan? Amallarni bajaring va javobini toping.

ketma-ketliklar
mantiqiy masalalar



1. To'g'ri ketma-ketlikni tuzing.



2. Kecha Lolaning tug'ilgan kuni bo'ldi. Ertaga juma. Lolaning tug'ilgan kuni haftaning qaysi kuni bo'lgan?



3. Komilaning kitoblari Nigoraning kitoblaridan ko'p.
Nigoraning kitoblari Saidaning kitoblaridan ko'p.
Kimning kitoblari ko'proq: Komilanikimi yoki Saidanikimi?



4. Har bir qatorda keyingi kelagigan ikkita sonni yozing.

1, 2, 3, 4, 5, 6, ...

2, 4, 3, 5, 4, 6, ...

1, 4, 2, 5, 3, 6, ...

2, 5, 3, 6, 4, ...

99. Uzunlik. Santimetr

uzunlik
uzunlik o'lchovi
santimetr



OVQAT = 25314
QAVAT = 31514
VAQT = ?



1. Qadim zamonlarda uzunlikni quyidagicha o'lchaganlar:



Partaning uzunligini tirsaklarda o'lchang.
Daftarning uzunligini dyumlarda o'lchang.
Sizning fikringizcha, nima uchun odamlar
hozir bu usullardan foydalanmaydilar?



2. O'z chizg'ichingizni ko'rib chiqing. Ikki uzun bo'linma orasidagi masofa santimetr deyiladi. Sizning chizg'ichingiz necha santimetrdan iborat?



Qisqa narsalarning uzunligi santimetrlarda, uzun narsalarniki — metrlarda o'lchanadi.

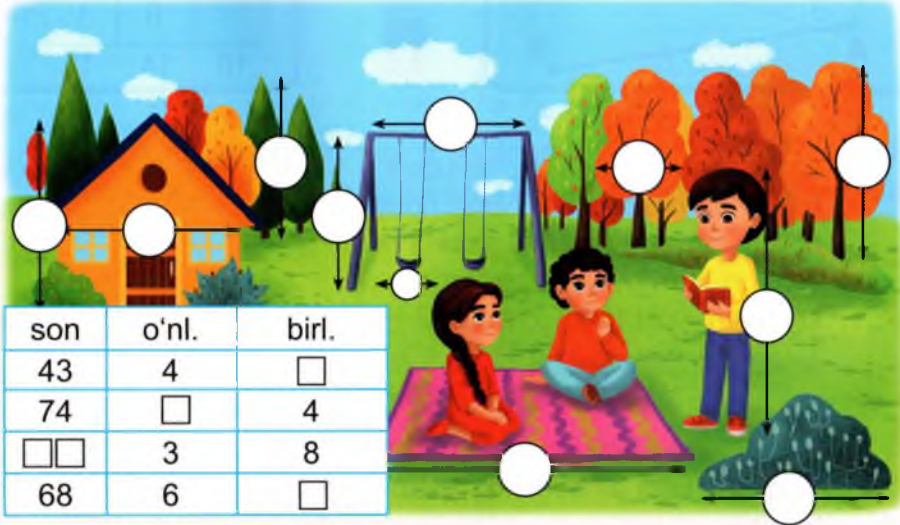


3. 1 santimetr 2 katakni tashkil etadi. Kesmalarning uzunligini toping.





4. Bolalar maydonchasidagi narsalarning uzunligini qaysi birliklarda o'lchaysiz? Shu birliklarni doirachalar ichiga yozing.



5. Bo'sh katakchalarni to'ldiring.

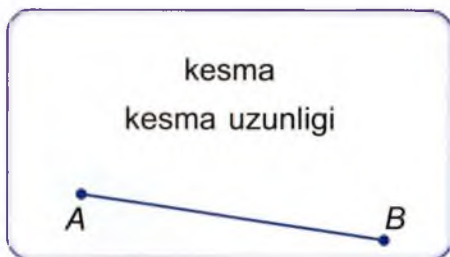
<input type="text"/> <input type="text"/> - 10 = 8	3 + <input type="text"/> <input type="text"/> = 19	17 - <input type="text"/> = 10
<input type="text"/> <input type="text"/> + 5 = 16	18 - <input type="text"/> <input type="text"/> = 2	19 - <input type="text"/> <input type="text"/> = 9



6. Dizayner ish quollarining uzunligini o'lchang va yozing.



100. Kesmalarni o'lchash



	5		11
9			20
	6	1	14
18	14	13	



1. Arqon oling va uning o'rtasidan bir bo'lak kesib oling. Nima hosil bo'ldi? Sizning kesmangizning boshi va oxiri bormi? Nima uzunroq: kesmami yoki to'g'ri chiziqmi?



2. Kesmaning boshi va oxiri nuqtalar bilan belgilanadi. Nuqtalar lotin alifbosining bosh harflari bilan belgilanadi. Berilgan chiziqlar orasidan kesmalarni toping va ularni harflar bilan belgilang.

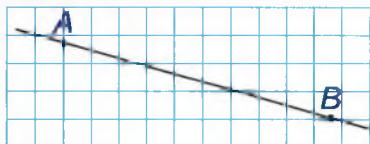


A va B nuqtalar orasiga necha santimetr joylashishini ko'rsatayotgan son AB kesmaning uzunligi hisoblanadi.

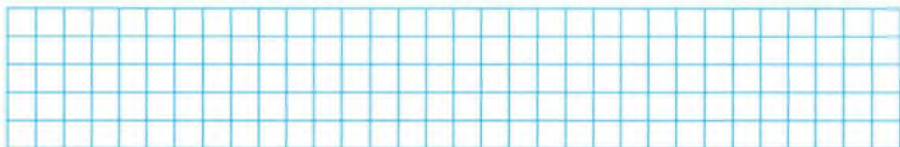




3. Kesmalarning uzunligini o'lchang.



4. Bir kesmaning uzunligi 5 santimetr, ikkinchi kesma undan 7 santimetr uzun. Ikkinchi kesmaning uzunligini toping. Shu kesmani chizing.

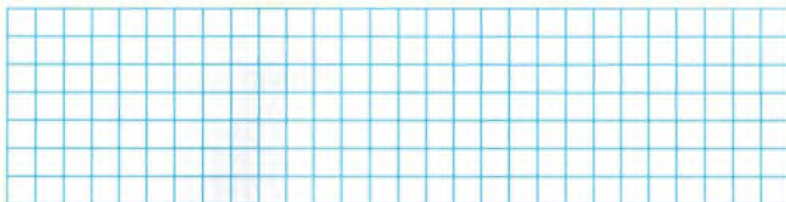


5. Hisoblang.

$55 + 4$	$96 - 5$	$56 - 4$
$77 - 6$	$42 + 7$	$36 + 2$

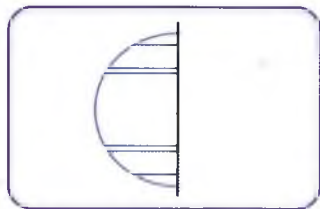


6. Rasmdagi svetoforning balandligini o'lchang. Natijasini yozing va undan 2 santimetr uzun bo'lgan kesma chizing.



101. Santimetr. Detsimetr

kesma uzunligi
kesma xossalari
detsimetr (dm)
santimetr (cm)



Uzunroq narsalarning uzunligini o'lchashga detsimetr o'lchov birligidan foydalaniladi.

$$1 \text{ dm} = 10 \text{ cm}$$



1. Usta mo'jazgina gilamcha to'qidi. Gilamchanning uzunligini santimetr va detsimetrlarda ifodalang. Bo'sh katakchalarni to'ldiring.



$$\boxed{} \text{ cm} = \boxed{} \text{ cm} + \boxed{} \text{ cm} = \boxed{} \text{ dm} \boxed{} \text{ cm}$$

Necha detsimetr chiqdi? $\boxed{} \text{ dm}$



2. Sonni xona qo'shiluvchilari yig'indisi bilan almashtiring.

29 = $\boxed{} + \boxed{}$	57 = $\boxed{} + \boxed{}$	72 = $\boxed{} + \boxed{}$
86 = $\boxed{} + \boxed{}$	93 = $\boxed{} + \boxed{}$	45 = $\boxed{} + \boxed{}$



3. AC, BC va AB kesmalar uzunligini chizg'ich bilan o'lchang. Nimani bilib oldingiz?



AB =

BC =

AC =

Xulosa chiqaring.

$$AB + BC =$$

$$AC - AB =$$

$$BC + AB =$$

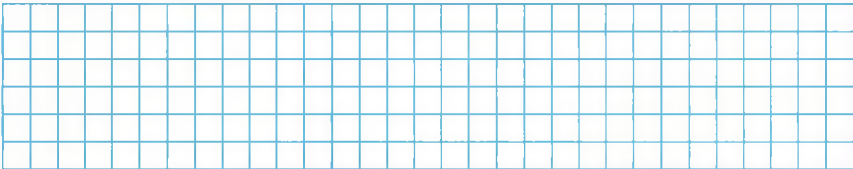
$$AC - BC =$$



4. Sopol choynakning balandligini o'lchang.



Shu uzunlikda kesma chizing.
Kesmani teng ikki bo'lakka bo'ling.
Nechta kesma hosil bo'ldi?



5. Taqqoslang.



$$11 \text{ dm} + 8 \text{ dm} \square 18 \text{ dm} + 11 \text{ dm}$$

$$15 \text{ cm} + 12 \text{ cm} \square 11 \text{ cm} + 16 \text{ cm}$$

$$61 \text{ dm} + 22 \text{ dm} \square 16 \text{ dm} + 51 \text{ dm}$$

$$72 \text{ cm} + 12 \text{ cm} \square 31 \text{ cm} + 46 \text{ cm}$$

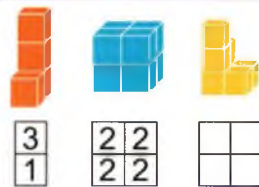
102. Detsimetr bilan santimetr orasidagi o'zaro bog'lanish

santimetr va detsimetr

$$10 \text{ cm} = 1 \text{ dm}$$

o'nliklar va birliklar

$$10 \text{ birl.} = 1 \text{ o'nl.}$$



1. Namuna bo'yicha yozing.

Namuna: $48 = 4 \text{ o'nl. } 8 \text{ birl.}$

39 =	91 =
26 =	14 =



2. Jadval bo'yicha savollarga javob bering.

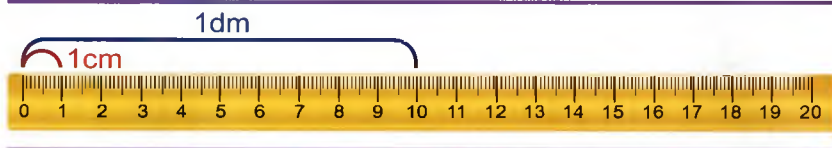
Yoshi	0 oy	6 oy	1 yosh	2 yosh	3 yosh
O'g'il bolaning o'rtacha bo'yi, cm	52	66	76	87	96
Qiz bolaning o'rtacha bo'yi, cm	50	66	74	85	95

a) 2 yoshda o'g'il bolaning o'rtacha bo'yi — cm.

b) 3 yoshda qiz bolaning o'rtacha bo'yi — cm.

d) 1 yoshda o'g'il bola qiz boladan cm ga baland.

e) O'g'il bola va qiz bolalarning bo'yi necha yoshda bir biridan farq qilmaydi? _____



102. Detsimetr bilan santimetr orasidagi o'zaro bog'lanish



3. Jadvalni to'ldiring.

1 dm	<input type="text"/> <input type="text"/> cm	<input type="text"/> dm	60 cm
<input type="text"/> dm	20 cm	7 dm	<input type="text"/> <input type="text"/> cm
3 dm	<input type="text"/> <input type="text"/> cm	<input type="text"/> dm	80 cm
<input type="text"/> dm	40 cm	9 dm	<input type="text"/> <input type="text"/> cm
5 dm	<input type="text"/> <input type="text"/> cm	<input type="text"/> dm	100 cm



4. Bo'sh kataklarni to'ldiring.







$1 \text{ dm} = \square \square \text{ cm}$
 $2 \text{ dm} = \square \square \text{ cm}$
 $1 \text{ dm } 3 \text{ cm} = \square \square \text{ cm}$
 $1 \text{ dm } 5 \text{ cm} = \square \square \text{ cm}$
 $12 \text{ cm} = \square \text{ dm } \square \text{ cm}$
 $16 \text{ cm} = \square \text{ dm } \square \text{ cm}$



5. Bir minutda katta kishining yuragi 70 ta, bolaniki 80 ta uradi. Bolaning yurak urishi qanchaga tezroq?
Ifoda tuzing va uning qiymatini toping.

[illegible]

6. Qonuniyatni aniqlang va bo'shliqlarni to'ldiring.

					
14	20	13	17		

103. Masalalar yechish

uzunlik
desimetr
santimetr



1. Ko'pburchaklar tomonlari uzunliklari yig'indisini toping.
Ifodalarni mos kelgan ko'pburchaklar bilan tutashtiring.



$$a \text{ cm} + a \text{ cm} + a \text{ cm} + a \text{ cm}$$



$$a \text{ cm} + b \text{ cm} + c \text{ cm}$$



$$a \text{ cm} + b \text{ cm} + a \text{ cm} + b \text{ cm}$$



2. Daftaringizga berilgan o'lchamlar bo'yicha uy quring:
devorlari — tomonlari 6 cm ga teng bo'lgan kvadrat;
tomi — tomonlari 6 cm ga teng bo'lgan uchburchak;
derazasi — tomonlari 3 cm ga teng bo'lgan kvadrat.



3. Oldin juft, so'ng toq sonlarni o'sish tartibida yozib chiqing.
Mos harflardan qanday so'zlar hosil bo'ldi? Ularni nima
birlashtiryapti?

78	76	84	71	82	74	72	80	73	81	77	79	75
U	R	I	B	CH	U	Q	V	O'	I	Q	CH	Y

Juft:

Toq:



4. Bo'sh kataklarni to'ldiring. Nimani bilib oldingiz?

3 önl. 4 birl. =

5 onl. 2 birle =

$\boxed{1} \boxed{1} = 5 \text{ only 1 bird}$

□□ = Eönliche

$$3\text{dm } 4\text{cm} = \boxed{34}\text{cm}$$

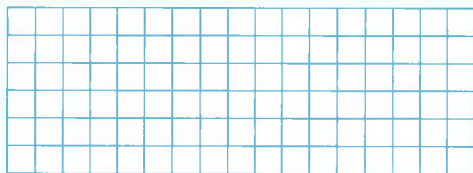
5dm 2cm = cm

$\square\square \text{ cm} = 5 \text{ dm } 1 \text{ cm}$

$\square\square \text{ cm} = 6 \text{ dm } 2 \text{ cm}$



5. Bo'yoqchilar maktabning 49 ta xonasini bo'yashlari kerak. Ular birinchi kun maktabning 15 ta xonasini, ikkinchi kun 14 ta xonasini bo'yashdi. Yana nechta xona bo'yalishi kerak?



6. Rasmda nechta kesma bor?



7. Qulay usul bilan hisoblang.

$3 + 5 \quad 9 + 7$

$$4 + 28 + 2 + 6$$

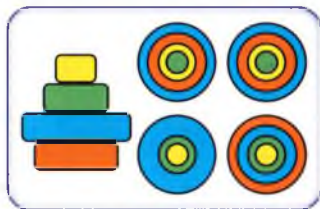
$$(9 + 18) + 11$$

$$5 + (17 + 5)$$

$$(17 + 5) + (15 + 3)$$

104. Massa va massa birliklari

massa
kilogramm



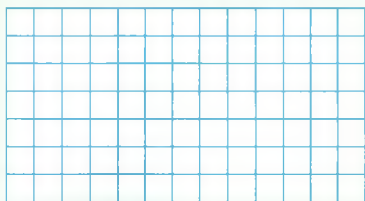
1. Nima og'ir? Bitta qulupnaymi yoki bitta olmami?
Bitta bananmi yoki bitta shaftolimi?
Bitta limonmi yoki bitta olchami?



Narsalarning massalari kilogrammlarda o'lchanadi.
Bir kilogramm — 1 kg.



2. Supermarketdan
5 kg sabzavot,
5 kg mevalar va
1 kg un sotib olindi.
Xaridning umumiy
massasi qancha?



3. Jismning massasi tarozi
yordamida o'lchanadi.



Sizning fikringizcha,
qaysi tarozi massani
to'g'ri ko'rsatadi?
Nima uchun?



4. Supermarketning kassasida hisobni yaxshi biladigan odamlar ishlaydi. Siz ham tez va to'g'ri hisoblashni o'rganing!

$54 + 3 = \square$	$40 + 20 = \square$	$69 - 5 = \square$
$47 - 4 = \square$	$50 + 30 = \square$	$23 + 3 = \square$
$80 - 50 = \square$	$70 - 50 = \square$	$85 - 2 = \square$



5. Quyidagi ifodalardan nimani bilib olish mumkin?
Rasmlar asosida masalalar tuzing va ularni yeching.



$$5 \text{ kg} + 6 \text{ kg}$$

$$6 \text{ kg} - 5 \text{ kg}$$



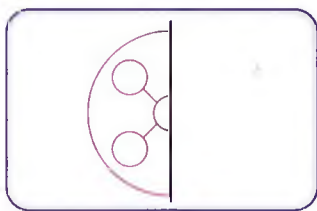
6. Tarvuzning massasini toping.



7. Chizing va bo'yang.

105. Massa va massa birliklari

massa
 kilogramm



1. Bir qopda 30 kg, ikkinchisida esa undan 2 kg ortiq bug'doy bor. Ikkita qopda hammasi bo'lib necha kilogramm bug'doy bor? Ifoda tuzing va uning qiymatini toping.

[illegible]

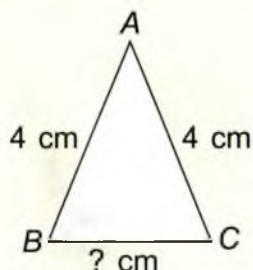
- 2. Ifodalarning qiymatini toping.**

$$\begin{aligned} 56 \text{ kg} - 12 \text{ kg} + 10 \text{ kg} &= \boxed{} \text{ kg} \\ 56 \text{ kg} - (12 \text{ kg} + 10 \text{ kg}) &= \boxed{} \text{ kg} \\ 47 \text{ kg} - 15 \text{ kg} + 11 \text{ kg} &= \boxed{} \text{ kg} \\ 47 \text{ kg} - (15 \text{ kg} + 11 \text{ kg}) &= \boxed{} \text{ kg} \end{aligned}$$



3. Uchburchak barcha tomonlari uzunliklari yig'indisi 11 cm ga teng.

Uchburchak tomonlari uzunligiga teng kesmalarni chizing.





4. Qopdan 8 kg un olingandan so'ng, unda 6 kg un qoldi. Dastlab qopda hammasi bo'lib necha kilogramm un bo'lgan?

Ifoda tuzing va uning qiymatini toping.



5. Hisoblang.

$12 + (2 + 4)$	$47 - (25 - 21)$
$23 + (10 + 3)$	$14 + (76 - 53)$
$45 + (20 + 2)$	$92 + (19 - 18)$



Rasmdan foydalangan holda ifodalardan istalganiga masala tuzing.



6. Kichik tegirmonda bir marta yanchganda 3 kilogramm bug'doy yanchish mumkin. Ikki, uch hamda besh marta yanchganda-chi? Chizmada ko'rsating. Uchtalab sanang.



7. Bitta yuk mashinasi 40 qop un tashiy oladi. 90 qop unni tashish uchun nechta mashina kerak bo'lsa, shuncha mashinani bo'yang. Har bir mashinaga u necha qop tashib ketayotganini yozing.



hajm
litr



 +  +  = 28

 +  = 26

$\triangle + \triangle + \triangle = ?$

1. Qaysi idishga suv ko'proq sig'adi?
Buni qanday isbotlash mumkin?



Hajm litrlarda o'lchanadi. Bir litr — 1 l.



2. Bochkada 50 l suv bor. Unga yana 20 l suv qo'shildi. Bochkadagi suvning miqdorini toping.

[illegible]

- 3. Idishni uning hajmiga mos raqam bilan tutashtiring.**
Qaroringizni tushuntiring.

100 l

11

10 L

2 l

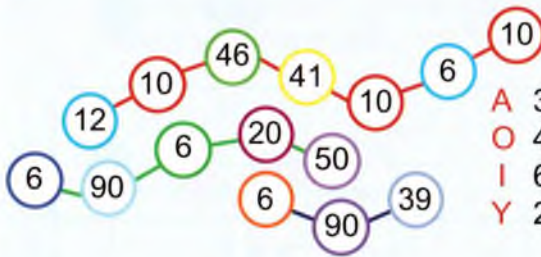




4. Chelakka 9 litr, ko'zada esa 5 litr kam, bankaga ko'zadagidan 3 litr kam suv sig'adi. Bankaga necha litr suv sig'adi? Masalani amalda yeching.

[illegible][illegible][illegible]

- 5. Misollarni yeching va siz paxtadan nima ishlab chiqarilishini bilib olasiz.**



A $3l + 7l$

M 10 l - 4 l

○ $40\text{ l} + 50\text{ l}$

Q 80 l – 30 l

$$6\text{ l} + 14\text{ l}$$

G 20 l – 8 l

$$Y \quad 23 \text{ l} + 16 \text{ l}$$

L 76 l - 35 l

$$Z \quad 34 \text{ l} + 12 \text{ l}$$



6. Paxta chigitidan o'simlik yog'i olinadi. Agar ko'zadagi yog' 12 litr bo'lsa, undan 6 litrini olib va unga yana 8 litr yog' quyilsa, ko'zada necha litr yog' bo'ladi?

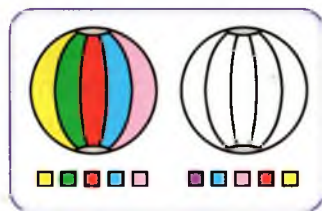


7. Toshkent shahridan Chirchiq shahriga borish uchun 6 litr benzin sarflanadi. Agar haydovchining mashinasida 15 litr benzin bo'lsa, u Toshkentdan Chirchiqqa borib, ortga qaytib kela oladimi?

[illegible]

107. Hajm va hajm birliklari

hajm
litr



1. Har bir juftlikdagi idishlarning hajmini taqqoslang. Qaysi juftlikka aniq javob berib bo'lmaydi?



2. Hisoblang.

$5\text{ l} + 11\text{ l} =$	$60\text{ l} - 30\text{ l} =$
$14\text{ l} + 25\text{ l} =$	$56\text{ l} - 22\text{ l} =$
$10\text{ l} + 17\text{ l} =$	$16\text{ l} - 9\text{ l} =$



3. Taqqoslang va xatoni toping.

$25\text{ l} \square 52\text{ l}$	$12\text{ l} + 1\text{ kg} \square 13\text{ l}$
$15\text{ kg} \square 12\text{ kg}$	$20\text{ kg} + 2\text{ l} \square 20\text{ kg}$

Faqat bir turdagi kattaliklarni taqqoslash mumkin.



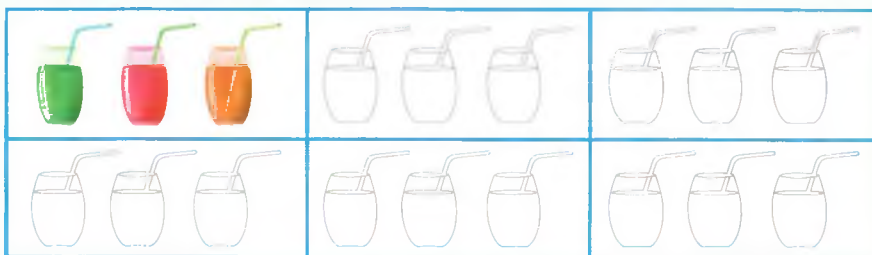


4. Fabrikada har xil retseptlar bo'yicha ichimliklar tayyorlanadi. Har qaysi holatda necha litr ichimlik hosil bo'ladi?

Suv (l)	Meva sharbati (l)	Shakar qiyomi (l)	Ichimlikning umumiy miqdori (l)
9	4	2	
9	5	3	
9	2	8	



5. Sharbat quyilgan staknlarni shunday bo'yangki, ularning tartibi takrorlanmasin.



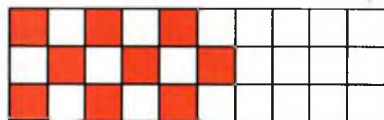
6. Rasmdan foydalanib, bo'sh kataklarni to'ldiring. B, S va I harflari ortida qaysi so'zlar yashiringan?

$B + S = I$	$4 + 5 = 9$
$S + B = \square$	$5 + \square = \square$
$I - \square = S$	$9 - \square = \square$
$\square - S = \square$	$\square - \square = \square$



108. Kattaliklar: uzunlik, massa, hajm

uzunlik
massa
hajm



1. Amallarning noma'lum komponentini topib, jadvalni to'ldiring. Darsda nima haqida gap boradi?

A	$14 + \square = 17$	T	$17 - \square = 12$
K	$\square + 10 = 18$	K	$\square + 7 = 14$
A	$15 + \square = 19$	T	$13 + 15 - \square = 27$
I	$18 - \square = 18$	L	$11 + 16 + \square = 29$

8	4	1	5	3	2	0	7



Kattalik — bu jismning o'lchash mumkin bo'lgan xossasi.

Biz uzunlik, massa va hajm kabi kattaliklarni o'rganib oldik.



2. Jadvalga qarang. Narsalarning kattalik bo'lmagan xossalarini o'chiring.

KATTALIKLAR				
uzunlik	rang	hajm	massa	hid

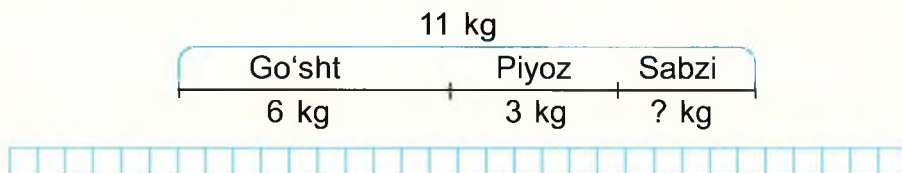


3. 10 litrli qozonda osh tayyorlash uchun oshpaz 2 kg go'sht, shuncha sabzi, shu miqdorda guruch va 1 kg piyoz tayyorladi. Qozon hajmining ortib borishi bilan mahsulotlar miqdori qanday ortib borishini jadvalda ko'rsating.

					Jami
10l	2 kg	... kg	... kg	... kg	... kg
20l	4 kg	... kg	... kg	... kg	... kg
30l	6 kg	... kg	... kg	... kg	... kg



4. Sxema bo'yicha masala tuzing va uning yechimini daftaringizga yozing.



5. Chelakning hajmi — 10 l, qozonning hajmi — 5 l, bankaning hajmi — 3 l.
Chelakda to'la turgan sutdan 2 l sutni qozonga qanday qiyib olish mumkin?
To'kib tashlash va boshqa idishlardan foydalanish mumkin emas.



109. Kattaliklar va ularning xossalari

uzunlik
massa
hajm



Qancha kub?



1. Taqqoslang. Bu yerda qanday kattaliklar ishtirok etmayapti.



2 kg ☐ 5 kg
a ☐ b



3 l ☐ 1 l
a ☐ b



30 cm ☐ 30 cm
a ☐ b



2. Amallarni bajaring va qo'shishning o'rin almashish qonuniga qanchalik rioya qilinganini tekshiring.

$$23 \text{ kg} + 15 \text{ kg} =$$

$$12 \text{ kg} + 17 \text{ kg} =$$

$$11 \text{ l} + 68 \text{ l} =$$

$$45 \text{ l} + 21 \text{ l} =$$

$$14 \text{ cm} + 25 \text{ cm} =$$

$$78 \text{ dm} + 21 \text{ dm} =$$

$$15 \text{ kg} + 23 \text{ kg} =$$

$$17 \text{ kg} + 12 \text{ kg} =$$

$$68 \text{ l} + 11 \text{ l} =$$

$$21 \text{ l} + 45 \text{ l} =$$

$$25 \text{ cm} + 14 \text{ cm} =$$

$$21 \text{ dm} + 78 \text{ dm} =$$

Qo'shishning o'rin almashtirish qonunini yozing.



3. Ifoda tuzing va uning qiymatini toping.

Qandolatchi tort pishirish uchun 2 kg shakar, 4 kg un va 2 kg sariyog' aralashtirdi. Qancha qorishma hosil bo'ldi?

[illegible]

4. Tushirib qoldirilgan soʻzlarni yozing.

Agar choynak piyoladan katta bo'lsa, unda piyola choynakdan

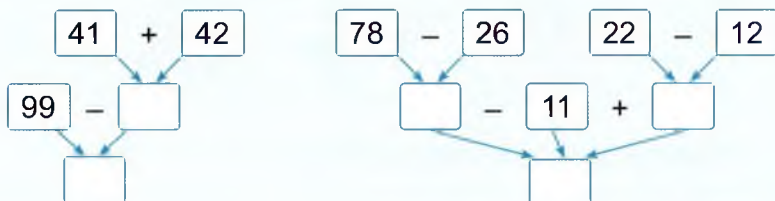
Agar o'qlog'i pichoqdan uzunroq bo'lsa, unda pichoq o'qlog'idan

Agar shkaf plitadan kengroq bo'lsa, unda plita shkafdan

Agar un shakardan yengilroq bo'lsa, unda shakar undan



5. Natijani sxema bo'yicha toping.



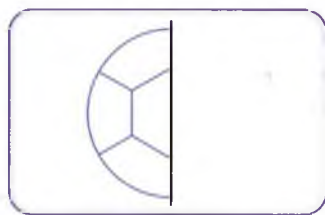
6. Rasmga qarab nima og'irroq va nima yengilroqligini aniqlang. Taqqoslang.

O ☐ N
2B ☐ O
2N ☐ 2O
NO ☐ N



110. Kattaliklar va ularning xossalari

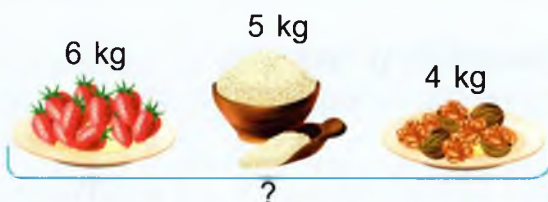
uzunlik
massa
hajm



1. Qandolat sexiga o'ramaning ichiga solish uchun 8 kg yong'oq, 4 kg mayiz va 2 kg lolaqizg'aldoq urugi keltirildi. O'rama ichiga solinadigan masalliqlardan qancha keltirildi? Ifodalar yozing. Qiymatini qulay usul bilan toping.

[illegible]

- 2. Rasmga qarab masala tuzing va uni yeching.**



Qanday xossadan foydalandingiz?

[illegible]

- ### 3. Natijani qulay usul bilan hisoblang.

$$15\ell + 26\ell + 5\ell =$$

$$19\ell + 23\ell + 1\ell =$$

$$6\ell + 18\ell + 14\ell + 2\ell =$$

$$27\ell + 8\ell + 3\ell + 2\ell =$$



4. Qo'shishning noma'lum komponentini topish qoidasini eslang va bo'shliqlarni to'ldiring.

Qo'shiluvchi	60 l		24 kg	50 cm
Qo'shiluvchi	30 l	8 dm	12 kg	
Yig'indi		48 dm		57 cm



5. Har qaysi yong'oqning nomini ayting. Ifodalarni hisoblang va harflarni ularning qiymatlari bilan yozing.

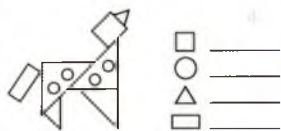


	$12 + 23$		$65 - 15$		$99 - 30$		$9 + 9$
	$30 + 40$		$20 + 22$		$97 - 27$		$31 + 14$
	$7 + 7$		$43 + 23$		$64 + 2$		$42 + 13$
	$90 - 20$		$20 - 6$		$50 + 40$		$30 + 41$
	$39 - 2$		$58 - 16$		$10 + 60$		$29 - 1$
			$12 + 10$		$35 + 4$		

A 28	F 50	M 37	P 18	T 71	G' 90
B 35	I 45	N 66	Q 39	U 42	
D 14	K 22	O 70	S 55	Y 69	

111. Masalalar yechish

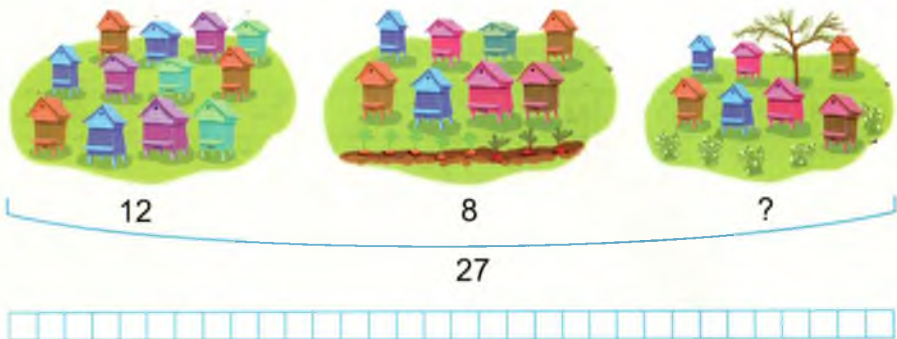
Natijalaringizni baholang.
Nimani bilishingizni va
yana nimani o'rganishingiz
kerakligini o'ylab ko'ring.



1. a) 25 va 43 sonlari yig'indisini toping.
b) 80 va 60 sonlari ayirmasini toping.
d) Kamayuvchi 87, ayriluvchi 21.
Ayirmani toping.
e) 67 ni 31 taga orttiring.
f) 92 ni 41 taga kamaytiring.
g) Men bir son o'yladim, unga 33 sonini qo'shdim va
76 sonini hosil qildim.
Men qanday sonni o'yladim?
h) 85 dan noma'lum son ayirildi, 64 hosil bo'ldi.
Qaysi son ayirildi?



2. Asalarichining dalada 12 ta, polizda esa 8 ta ariqutisi
turibdi. Yana bog'da ham bor. Hammasi bo'lib uning 27 ta
ariqutisi bor. Bog'da nechta ariquti bor?





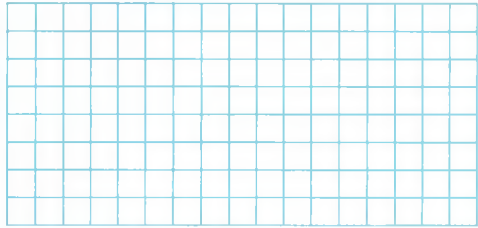
3. Masala tuzing. Uning yechimini va javobini yozing.



20 l



?, 3 l
kam



4. Bochkada asal bor edi. Vinni-Pux asalning 5 litrini yedi. Boyqushga undan 3l kam asal qoldi. Bochkada qancha asal bo'lgan?



5. Vinni-Puxning shkafida 15 ta tog' asali, 12 ta gul asali solingan va 2 ta bo'sh kuvacha turibdi. Quyidagi ifodalar nimani bildiradi?



6. Kamron tug'ilgan kunida hammani shirinliklar bilan mehmon qildi. Lola hammadan kam yedi, Botir Madinadan ko'p, Kamron esa Botirdan kam, biroq Madinadan ko'p yedi. Davron Botirdan ko'p yedi. Ularni yegan shirinliklari miqori bo'yicha qo'yib chiqing.

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Repyova Irina Vladimirovna

Matematika

1-sinf

III qism

Umumiy o'rta ta'lim maktablari uchun darslik

"Novda Edutainment"
Toshkent – 2023

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Nashriyot litsenziyasi AI №158. 15.09.2023-yilda original-maketdan bosishga ruxsat etildi. Bichimi 60x84 1/8. Kegli 16 n/shponli. "Arial" garniturası. Ofset bosma usulida bosildi.

Mashinada yengil bo'rlangan (Machine Finished Coated) 80 g/m² qog'oz.

Shartli b.t. 10. Hisob-nashriyot t. 2,88.

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