Annual Status of Education Report
ASER 2017 RURAL
AGE 14-18
Facilitated by PRATHAM

ABOUT ASER 2017 'Beyond Basics'

Since 2005, ASER has highlighted the fact that although almost all children are enrolled in school, many are not acquiring foundational skills like reading and basic arithmetic that can help them progress in school and in life.

In 2017, ASER focuses on an older age group, youth who are 14 to 18 years old and have moved just beyond the elementary school age. The report looks 'beyond basics' and explores a wider set of domains beyond foundational reading and arithmetic.

The survey was conducted with 1,077 youth in 862 households in 56 villages.

State indicators

- Total population: 10,086,292
- % Rural population: 69.8%
- % Urban population: 30.2%
- Literacy rate: 78.8%

District indicators

- District population as % of state: 16.8%
- % Rural population: 44.5%
- % Urban population: 55.5%
- Literacy rate: 84.3%

Source: Census 2011

ACTIVITY

ENROLLMENT: Youth age 14-18

Table 1: Distribution of youth by age and enrollment status (%)

Age	Enrolled in Std XII or below	UG* or other	Not enrolled	Total
14-18 All youth	84.4	6.8	8.8	100
14-18 Male	85.3	6.4	8.3	100
14-18 Female	83.7	7.3	9.0	100
14-16 All youth	95.0	0.0	5.0	100
14-16 Male	97.4	0.0	2.6	100
14-16 Female	92.7	0.0	7.3	100
17-18 All youth	64.4	19.7	15.9	100
17-18 Male	62.0	18.7	19.3	100
17-18 Female	67.0	20.7	12.3	100

*UG= Undergraduate

Table 2: % Youth by enrollment status, years of schooling completed and gender

Enrollment status	Years of schooling completed	All youth	Male	Female
Enrolled in school or college	8 or more years	77.4	76.3	78.6
	Less than 8 years	14.0	15.7	12.5
Not enrolled	8 or more years	5.9	5.5	6.3
	Less than 8 years	2.6	2.6	2.7
Total		100	100	100

VOCATIONAL TRAINING AND OTHER COURSES: Youth age 14-18

WORK INFORMATION: Youth age 14-18

Questions about vocational training and work were asked to all youth, regardless of enrollment status.

Table 3: % Youth taking vocational training or other courses, by age

Age	Taking vocational training or other courses	Not taking vocational training or other courses	Total
14-16	2.2	97.8	100
17-18	10.6	89.4	100
All youth	5.1	94.9	100

Table 4: % Youth who worked for 15 or more days in the last month, excluding household work, by age

Age	Worked for 15 or more days in the last month	Did not work for 15 or more days in the last month	Total
14-16	29.7	70.3	100
17-18	38.2	61.9	100
All youth	32.6	67.4	100

Annual Status of Education Report
ASER 2017 RURAL
Facilitated by PRATHAM

AWARENESS

Table 5: Digital use by youth age 14-18, by gender (% youth)

	Frequency of usage	All youth	Male	Female
Mobile	Last week	73.3	78.0	68.8
	Never	14.5	10.6	18.2
Internet	Last week	50.5	58.7	42.6
	Never	38.9	29.6	47.8
Computer	Last week	35.1	40.0	30.6
	Never	36.3	32.9	39.3

Table 6: Financial participation of youth age 14-18, by gender (% youth)

	All youth	Male	Female
Have their own bank account	66.3	61.8	70.4
Have deposited/withdrawn money	48.3	51.5	45.3
Have used an ATM	21.9	29.9	14.4
Have used internet banking	10.6	16.1	5.4

BASIC ASER READING, ARITHMETIC AND ENGLISH: Youth age 14-18

Table 7: Youth at different learning levels, by gender. % Youth who can at least do the following tasks:

Basic ASER level	All youth	Male	Female
Read a Std II level text	85.2	81.8	88.3
Do a division problem	50.7	55.7	46.1
Read English sentences	72.8	73.4	72.2

ASER TOOL

Std II level text

विमला और अजय मेला देखने गए। उन्हें मेले में तरह-तरह की दुकानें दिखीं। मेले में बहुत झूले थे। वहाँ गरम-गरम हलवा और जलेबियाँ भी बिक रही थी। जलेबी देखकर दोनों के मुँह में पानी आने लगा। उन्हें जलेबी खाने का मन करने लगा। विमला ने जलेबी खरीदी। दोनों ने मिलकर जलेबी खाई। शाम को दोनों घर लौट आए।

Division

4) 591
7) 872
6) 759
8) 986

English sentences

What is the **time**?
This is a **large house**.
I **like** to **read**.
She has **many books**.

DAILY TASKS: Youth age 14-18
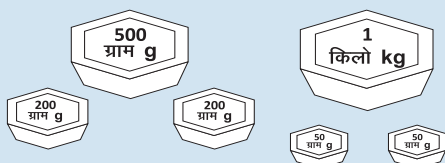
Table 8: % Youth who can do daily tasks, by gender

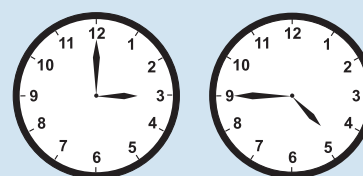| Task	All youth	Male	Female
Counting money	76.5	84.7	68.8
Adding weights	50.2	63.1	38.2
Telling time (hour)	82.9	85.9	80.1
Telling time (hour and minutes)	57.4	63.0	52.1

COUNTING MONEY

What is the total amount of money shown in this picture?

ADDING WEIGHTS

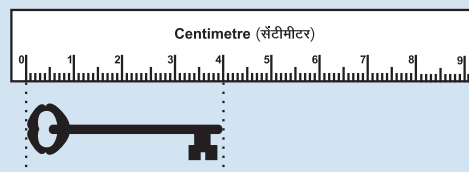What is the total weight shown in this picture? Add and give the answer in kilograms.

TELLING TIME

What is the time shown on these clocks?
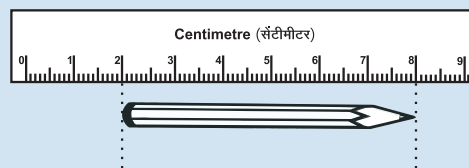
COMMON CALCULATIONS: Youth age 14-18

Table 9: % Youth who can do common calculations, by gender

Task	All youth	Male	Female
Measuring length (easy)	88.5	89.9	87.1
Measuring length (hard)	38.8	43.6	34.4
Applying unitary method	44.7	53.8	36.2
Calculating time	40.7	47.9	34.0

MEASURING LENGTH

Centimetre (सेंटीमीटर)

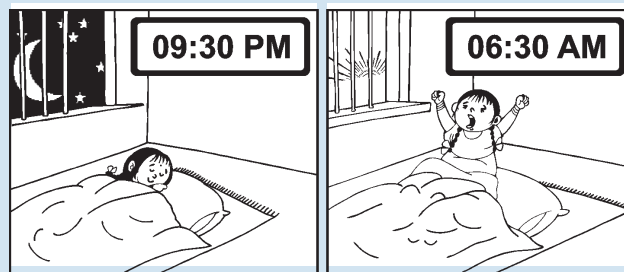What is the length of the key? (easy)

Centimetre (सेंटीमीटर)

What is the length of the pencil? (hard)

APPLYING UNITARY METHOD

15 लीटर   35 लीटर

If 3 chlorine tablets are needed to purify 15 litres of water, how many chlorine tablets are needed to purify 35 litres of water?

CALCULATING TIME

09:30 PM   06:30 AM

How many hours did this girl sleep?

READING AND UNDERSTANDING WRITTEN INSTRUCTIONS: Youth age 14-18

Table 10: % Youth who can read and understand written instructions, by gender

	All youth	Male	Female
Can read and understand at least 3 out of 4 instructions	63.8	67.0	60.9
Cannot read and understand even 3 out of 4 instructions	36.2	33.0	39.1
Total	100	100	100

After reading, youth were asked the following 4 questions:
- How many packets of O.R.S. should be added to 2 litres of water?
- Within how many hours should the prepared solution of O.R.S. be consumed?
- How many litres of O.R.S. can be given to a 21-year old within a span of 24 hours?
- Based on the information given, can this packet of O.R.S. be consumed in December 2018?

All youth were asked to read the instructions given on the O.R.S. packet shown below:

ओ.आर.एस.
(जीवन रक्षक घोल)

ओ.आर.एस. घोल तैयार करने की विधि

साफ बर्तन में 1 लीटर पानी उबालें और उसे ठंडा कर लें।

ठंडे पानी में 1 पैकेट पूरा ओ.आर.एस. डाल दें।

इसे अच्छी तरह मिला लें।

यह घोल बच्चे को पिलाएँ।

ओ.आर.एस. के घोल की मात्रा उम्र और दस्त की गंभीरता को देखते हुए दें।
बच्चे: 1 से 2 लीटर घोल को 24 घंटे के अन्दर पिलाएँ।
युवा: 2 से 4 लीटर घोल को 24 घंटे के अन्दर पिलाएँ।
इस इलाज को दस्त ठीक होने तक जारी रखें।

सचेत:
- बना हुआ घोल ढ़ककर रखें एवं 24 घंटे के अन्दर ही इस्तेमाल करें।
- बचा हुआ घोल फेंक दें।

इस पैकेट को सूखी जगह में ही रखें।
मूल्य : 19 रुपये
उत्पादन की तारीख : मार्च 2015
समाप्ति की तारीख : मार्च 2018

UTTARAKHAND: DEHRADUN

ABILITY

Annual Status of Education Report
असर ASER 2017 RURAL
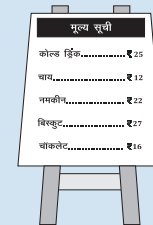AGE 14-18
Facilitated by PRATHAM

FINANCIAL CALCULATIONS: Youth age 14-18

These tasks were administered only to youth who were at subtraction or division level on the ASER arithmetic assessment.

Table 13: % Youth who can do financial calculations, by gender

Task	All youth	Male	Female
Managing a budget	67.9	70.8	64.9
Taking a purchase decision	69.9	73.4	66.4
Applying a discount	38.0	47.8	28.1
Calculating repayment	17.3	21.1	13.5

MANAGING A BUDGET

मूल्य सूची
कोल्ड ड्रिंक..............₹ 25
चाय........................₹ 12
नमकीन...................₹ 22
बिस्कुट...................₹ 27
चॉकलेट...................₹ 16

You need to buy 3 different items for Rs 50. Which items can you buy?

TAKING A PURCHASE DECISION

From which shop will you buy all 5 books and for how much?

APPLYING A DISCOUNT

सेल !!!
10% छूट

M.R.P.
₹300

The price of this T-shirt is shown here. It is available at a discount of 10%. How much money would you need to buy this T-shirt?

CALCULATING REPAYMENT

बैंकों के ब्याज दर

बैंक का नाम	लोन(ऋण) पर ब्याज दर
लक्ष्मी बैंक	11% प्रतिवर्ष
लेना बैंक	12% प्रतिवर्ष
राशि बैंक	13% प्रतिवर्ष

लोन की रकम = 20,000 रुपये

Which bank to take a loan from? How much to repay at the end of one year for a loan of Rs. 20,000?

MAP AND GENERAL KNOWLEDGE: Youth age 14-18

Table 12: % Youth who can do map and general knowledge tasks, by gender

Task	All youth	Male	Female
Recognizing the map of India	95.6	96.2	95.0
Naming India's capital	84.6	88.2	81.3
Naming their own state	88.5	89.4	87.7
Identifying their own state on a map	38.5	43.2	34.1

A map of India was shown to all youth and they were asked the following questions:

- "This is a map of which country?"
- "What is the name of the capital of the country?"
- "Which state do you live in?"
- "Can you point to your state on the map?"